No. 20F

October 2009 - May 2010

C.CRANE

Be Informed,

Prepared and Efficient

Our Mailings Are Limited – Please Save Your Catalog

800-522-8863 • ccrane.com

NEW! CCRadio-2 — AM • FM • WEATHER

The radio designed for long-range AM Reception

The new CCRadio-2 has the same familiar look and layout as previous models of the CCRadio but with a little better AM Reception and the addition of the 2-Meter Ham Band. The boost in AM performance comes from our patented Twin-Coil Ferrite® AM Antenna and other improvements built into the CCRadio-2. Thanks to audio that's optimized for voice clarity, AM stations continue to sound just right. After you select a station, the CCRadio-2 evaluates the signal for several seconds and then locks in for the highest signal possible.

The new display can be adjusted to a Super Bright level, if desired, and it is also sharper and easier to see. It features a full backlight and three levels of adjustable brightness plus an "off" setting. The lowest setting is suitable for most people at night. The display shows the station you are on and then automatically changes to the clock after 15 seconds.

FM reception is a little better than the CCRadio*plus*, while the Weather Band can keep you informed of any government-issued alerts. The addition of the 2-Meter Ham band may make the CCRadio-2 a life saver during an emergency like hurricane Katrina. During an emergency, 2-Meter Ham operators arrive early on the scene and donate their time while handling perhaps 90% of the emergency coordination efforts. The CCRadio-2 makes it easy to hear the vital information they share by acting like a sim-

and 2-METER HAM

and now Emergencies!

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ple radio scanner and searching the five memories for Ham operator communications. The sensitivity (squelch) can be adjusted for best results. > More information about the 2-Meter Ham Band can be found at *CCRadio.com/2-meter*

The CCRadio-2 comes in our original Black Mica or a new Titanium color. Features include: 5 memories per band (AM, FM, Weather and 2-Meter bands), adjustable display light, adjustable bass and treble, clock alarm, sleep timer, auto scan, stereo headphone jack, AUX line-in jack, and line-out jack. Five years ago we made changes to our CCRadio LCD display that have proven to be durable on this radio.

Runs on included AC cord or 4 (optional) “D” batteries. Weight: 4 lbs. Size: 11" W x 6.5" H x 4" D.

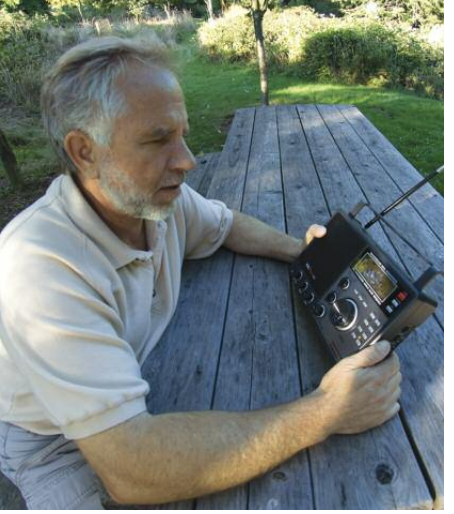
Item #CC2B ... Black Mica **... $159.95**

Item #CC2T ... Titanium **..... $159.95**

CCRadio-2 Gift Pack

The CCRadio-2 gift pack includes a carry case, the plush SoftSpeaker™ Pillow Speaker, and a handy copy of *Radio on the Road.*

Item #CC2P ... CCRadio-2 Gift Pack *(SAVE $19)* **... $44.85**



A few words from Bob

C. Crane has been in the radio business for over 25 years. Our loyal customers continue to show us the way to good customer service. We don't plan to stop or even slow down in the near future on any level. Please keep an eye out for many new, unique and exciting radio products over the next year.

It can be difficult to understand why C. Crane has such diverse product lines. To put it simply, we make good radios to help foster communication and we make energy-efficient light bulbs to help you save energy. Our GeoBulb® LED lineup is quickly becoming known for quality in the marketplace. C. Crane's LED bulbs are now at a point where some models (like the new MR16 on page 47) provide a good financial savings on the purchase price, have excellent light characteristics and last a very long time.

Our Mission

Our mission is to find, develop and deliver items that enhance your life. As we have done for almost 30 years, we promise to:

- Test everything before it goes into our catalog, and answer all your questions when you call or write to us.
- Carry items based on their own merits and never let manufacturers buy their way into our catalog.
- Help you make a wise purchase.
- Extend customer service beyond the sale, and always make sure that we take care of you to the best of our ability.

If you want to send a catalog to a friend or you have moved, please call us at 800-522-8863 or go to *ccrane.com/address-update*

1-800-522-8863 (TUNE) • ALL OTHER INQUIRIES: 707-725-9000
Web: *ccrane.com* • Email: *customerservice@ccrane.com*

C.CRANE

1001 Main Street
Fortuna CA 95540-2008

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Phone Hours (Pacific Time Zone):
6:30 AM - 5:30 PM M-F
7:00 AM - 5:00 PM Sat
Store Hours:
9:00 AM - 5:00 PM M-Sat
Closed on major holidays.

Roberts Revival Radio

It has taken over a decade, but C. Crane has finally brought the Roberts radio to the U.S. This elegant, simple radio is encased in Leatherette, has excellent audio for its size and good AM/FM reception. The Roberts Revival bears the Royal British insignias and has been issued a “Royal Warrant of Appointment”. The insignias mean that this radio is provided to the Royal family and also tell you of the prestige and quality of the radio.

The Revival has an up/down tone button that corresponds well with Voice and Music. It has the Long Wave Band which was used primarily in the U.S. for radio beacons so ships at sea could triangulate their position. European broadcasters used Long Wave for many traditional radio shows in the past.

The Roberts Revival has traditional needle and dial tuning. It may be one of the last high-quality radios made that has a real dial on it. A person accustomed to a dial might really enjoy this. True to its origins, the radio is marked MW for Medium Wave instead of AM. There are also station identifiers printed on the dial like “World Service” for the BBC broadcast. UL listed adapter is included. It also works on 4 optional “D” batteries but I won't tell you anything more. It’s too much fun to find out for yourself. Now made in China. Weight: 3.8 lbs. Size: 9.25" W x 6" H x 4" D.

Item #ROTN ... Tan **..... $189.95**

Item #RODG ... Dark Green **... $189.95**

Item #ROBC ... Claret **..... $189.95**

RoHS Lead Free

Sonido Radio

The Elegant Weather Radio

The Sonido is an elegant-looking AM/FM radio with Weather Band. It has most of the fine features you've come to appreciate with our CCRadios, including excellent AM and FM reception. The NOAA Weather Band is an all-hazards band, so if anything unexpected happens in your area, you'll be among the first to know and the most informed. The Sonido uses state-of-the-art circuitry to squeeze 250 hours of runtime out of a fresh set of four "D" size alkaline batteries (not included). Other features include: stereo headphone jack, MP3 player input, 5-memory presets per band, and dual programmable alarm clock with sleep timer. AC Adapter included. Two year warranty. C. Crane Company exclusive. Weight: 1.75 lbs. Size: 9" W x 5.25" H x 2.2" D.

Item #SNR $89.95

Sangean PR-D7

The PR-D7 is a lightweight and convenient portable AM/FM radio with very good performance. Powered by six rechargeable "AA" batteries or six regular alkaline "AA" batteries (batteries not included) or the included AC Adapter. Rechargeable batteries can charge right in the radio. Displays radio frequency and time of day at the same time. Features: 5 memory presets per band, alarm clock, and stereo headphone jack. Weight: 1.3 lbs. Size: 8.5" W x 4.5" H x 1.6" D.

Item #PRD7 ..... $69.95

Radio Accessories begin on page 28 — Antennas begin on page 35

Sangean WR-11

The WR-11 wooden radio keeps it simple: Excellent AM and FM reception, fine audio, an analog display, and three rotary dials for adjusting volume, selecting AM or FM, and tuning in your station. The softly-lighted analog display is easy to see at night and the LED tuning eye helps you find the best reception for the station you want to hear. The WR-11 out-performed similar table-top models we tested. It has a stereo headphone jack, external antenna jacks for both AM and FM, an Aux-In jack for use as a speaker, and also a Rec-Out jack for capturing audio with recording gear. Features: Light colored, wood veneered cabinet with metal speaker grill. Weight: 5.2 lbs. Size: 9.5" W x 4.6" H x 6" D.

Item #WR11 ..... $99.95

WR-2 Wooden Radio

A slightly larger wooden cabinet and a unique blend of audio frequencies make the WR-2 an excellent radio for music listening. The large digital display is easy to read, and has a gentle, blue LED background. An RDS (Radio Data System) decoder displays station and program information on FM. As nice as all these extras are, it is the smooth sound emanating from the wooden cabinet that sets the WR-2 apart. Features: Line-in for any MP3 player, clock with alarm, independently adjustable bass and treble, backlight, headphone jack, 5 memory presets, and includes a remote control. Weight: 5.9 lbs. Size: 9.6" W x 4.6" H x 7.1" D.

Item #WRC $149.95

Sangean PR-D5 Digital Portable Stereo Receiver

Great for music lovers!

The Sangean PR-D5 AM/FM radio is an exceptional value with AM reception that's comparable to previous CCRadios. The PR-D5 has stereo audio through its twin speakers, a clean layout, and a small footprint. Other features include: five memories per band, alarm clock, sleep timer, display light, stereo headphone jack, audio-in jack. Runs on included AC Adapter or six "C" size batteries (not included). No weather band or weather alert. One year warranty. Weight: 2 lbs. Size: 10.5" W x 5.25" H x 2.75" D.

Item #PRD5 ..... $99.95

Sangean RCR-3 Atomic Clock Radio

If the primary purpose of your clock radio is to tell you the time, then put Sangean's fine RCR-3 radio-controlled clock on your nightstand. The RCR-3 is as appealing in look as it is in function. The analog dial has a gentle, dimmable glow, and is easy to read by day or by night. The RCR-3 gives you 14 station presets (7 AM, 7 FM), and the buttons are right on top of the radio, where you can find them and press them easily. It also has a sleep timer (adjustable from 15-120 minutes) and a nap timer (adjustable from 10-120 minutes). An ideal radio for sleeping and waking. No backup power. More specs online at *ccrane.com/rcr3* Weight: 2.1 lbs. Size: 6.5" W x 6.5" H x 4.4" D.

Item #RC3 ..... $99.95

Radio Accessories begin on page 28 — Antennas begin on page 35

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CCRadio-SWPocket — AM/FM/SW

In a true testament to its quality and performance, the modestly priced CCRadio SWPocket has been compared to a radio that costs over $200.00. We thought that might happen. Our CCRadio-SWPocket AM/FM/Shortwave Radio has exceptional AM reception and audio quality and is sensitive enough to outperform most radios in its class. And it's still small enough to tuck in your briefcase, purse or carry-on bag.

You can quickly and easily retrieve up to 200 of your favorite AM/FM and Shortwave stations in any order by simply turning the Tuning Knob — and taking advantage of a smart feature called "Favorites". And you won't lose your memories when you take out the batteries.

The CCRadio-SWPocket also has a keypad for direct access to any frequency, and a flip-out back stand for convenient bedside use. Features built-in speaker, alarm clock, direct key entry, stereo headphone jack, sleep timer, display light, and carry pouch. FM 70.0-108.8, AM 522-1620, (9k) / 520-1710 (10k), SW1 2300-7500, SW2 9200-22000. Runs 70 hours on 2 "AA" size batteries (not included). Optional AC Adapter available. One year warranty. Weight: 6.5 oz. Size: 5" W x 3" H x 1.2" D.

Item #SWP $49.95

Item #3VA ... AC Adapter **... $10.95**

Sony SRF-M37W — AM/FM/WX

Customers recommended the Sony SRF-M37W and our tests confirm that this compact, easy-to-use radio has some of the BEST AM reception among pocket radios without a built-in speaker. It's sensitive enough that, if you're close to an AM broadcast antenna, you may notice some bleeding into other adjacent stations on the dial. FM reception is comparable to our other fine pocket radios. Features 20 station presets (5 AM, 10 FM, 5 Weather), direct weather band button, local/distant (DX) switch, hold switch, battery indicator, and LCD Digital Display with clock. Stereo headphones and belt clip also included. Amazing 40 hours run-time on just ONE "AAA" alkaline battery (not included). > More details at *ccrane.com/SRF-M37W* Weight: 3.3 oz. Size: 3.38" W x 2.5" H x 1.3" D.

Item #37W $34.95

Sangean DT180 Pocket Radio — AM/FM

Our smallest pocket radio is a gem with good AM performance. Tuck it in your pocket and enjoy AM, FM stereo. Big features include 20 memory presets, auto scanning, Deep Bass Boost (DBB), power indicator and automatic 90-minute shutoff. Earbuds are included. Runs for 35 hours on just ONE "AAA" battery (not included). No internal speaker. 90-day warranty. Weight: 1.7 oz. Size: 1.9" W x 3.7" H x 0.7" D.

Item #DT8 ..... $49.95

Peltor Worktunes — *Ear Protection with Audio*

The Peltor Worktunes has a digital LCD display so you'll always tune right to the AM or FM station you want to hear. You can also plug your MP3 player or scanner (or other gear) into the audio-in jack and listen to the specific entertainment you choose. Worktunes has a Noise Reduction Rating of 26 Decibels, so you'll have plenty of hearing protection while operating noisy equipment or having fun with a scanner radio at the race track. The padded, adjustable headband gives you all day comfort and broad sealing rings ensure quiet listening. 10 memory presets. Patch cord included. Requires 2 "AA" batteries (not included). Assembled in the US. Weight: 11 oz. Size: 5.5" W x 9.75" H x 3.9" D.

Item #DWT $79.95

Sangean DT-400W Pocket Weather Radio — AM/FM/WX

The DT-400W pocket radio has excellent AM/FM reception and the added benefit of being a portable NOAA Weather Radio. Slip the DT-400W into your pocket, head out for a day hike, and if the weather's changing just scan through your local weather channels for an update. This premium pocket radio has a built-in clock, holds 19 memory presets, and also has a single button access for "My Favorite" radio station. You can listen in stereo through the included earbuds, or mono through the face-mounted speaker. Programmable 90-minute auto shutoff. Includes: lighted digital display, earbuds, FM antenna, removable belt clip. Uses 2 "AA" batteries (not included). 90-day warranty. Weight: 3.7 oz. Size: 2.5" W x 4.2" H x 0.8" D.

Item #DT4 ..... $69.95

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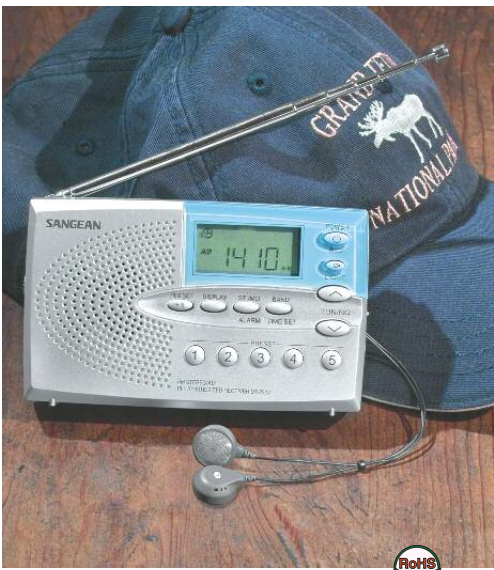
DT-220A — AM/FM



Quality and versatility in a convenient pocket size! The DT-220A is a mighty pocket radio with excellent AM reception and very good FM-stereo reception. Just slightly larger than other pocket radios, the DT-220A features digital tuning, built-in retractable earbuds and separate headphone jack, 20 presets, backlight, clock, alarm, selectable 90-minute shut-off feature, and a 1.5-inch internal speaker with exceptionally clear audio. Includes carrying case. Uses 2 "AA" batteries (not included). 90-day warranty. Weight: 7.3 oz. Size: 5" W x 3" H x 1" D.

Item #22A $59.95

Item #2AD ... AC Adapter **.. $10.95**

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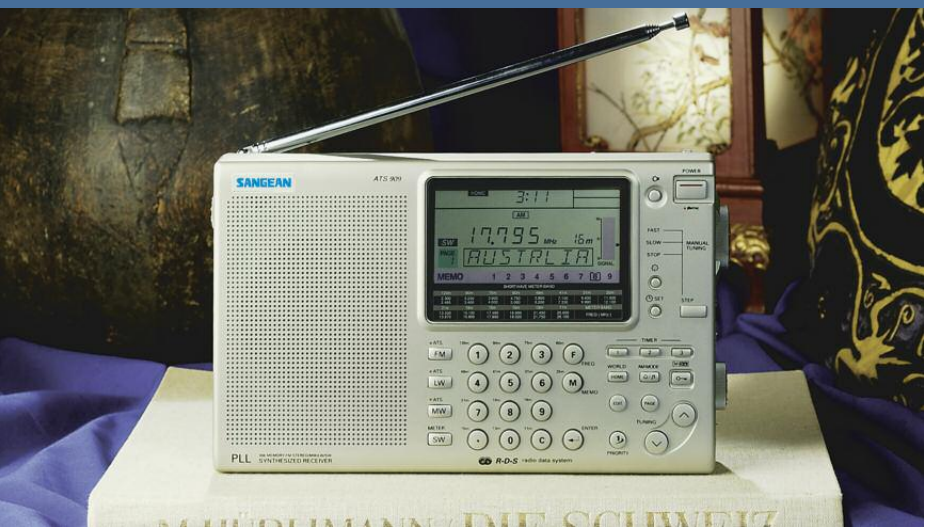

ATS 909 — *AM/FM/SW/SSB*

High-quality, mid-size portable!

The ATS 909 is a shortwave that's a pleasure to use. Intelligent design helps you manage and organize shortwave stations and it's pre-programmed with many popular SW frequencies. Find and store all local stations by pressing just one button. Displays call letters of local RDS FM stations. Runs on 4 "AA" batteries (not included). AC Adapter, carry case, earbuds, and SW antenna included. One-year warranty.
> More information at *ccrane.com/ATS909* Weight: 1.5 lbs. Size: 8.8" W x 5.3" H x 1.5" D.

Item #909 ..... $249.95

RoHS Lead Free

Getting Started In Shortwave

Shortwave or "World Band" radios can receive stations from around the world (mostly at night). The first thing to decide is what size portable radio is best for your needs.

SMALL (under 6" wide): When you travel, perhaps the smallest radio is best. As a radio gets smaller, performance generally decreases slightly in sensitivity (ability to pick up a weak station) and selectivity (ability to distinguish close stations). Since the speaker is small, a good set of headphones is also a wise investment.

MID-SIZE (about 8" wide): A radio this size is multi-purpose. It is small enough to travel with or just carry around and is also suitable as a desk radio. Audio quality is good enough for extensive listening.

LARGE (about 12" wide): A real benefit of a larger radio is better audio quality for hours of listening. Larger radios seem to have better sensitivity and selectivity.

Radio Accessories begin on page 28 — Antennas begin on page 35

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CCRadio-SW
— *AM/FM/SW*

The CCRadio-SW is a powerhouse, portable radio from C. Crane. Thanks to the built-in Twin Coil Ferrite® AM Antenna, this masterful radio has AM reception in the same class as the CCRadios. It also delivers outstanding FM, and Shortwave and the best combination of sensitivity, selectivity and audio performance for portable radios of this size. Shortwave is excellent right off the whip antenna, covering 1711 kHz to 29999 kHz. The five-inch speaker is accurate, pleasant and reproduces deeper bass than most portables of similar size.

The CCRadio-SW has a large, lighted, easy-to-read LCD display and all the adjustments necessary for excellent performance under various conditions. C. Crane provides a clear, straightforward manual to get you started. Here are some of the CCRadio-SW's outstanding features:

- RF Gain Control
- Bandwidth Control
- Bass and Treble Controls
- Fast and Slow Tuning
- 50 Memories
- Lighted Buttons
- Clock Radio with Snooze Alarm
- RCA Stereo Line Output
- Headphone Jack
- AM-RF Output for Input to Computer

Runs on four "D" batteries or four "AA" batteries (batteries not included). Built-in charging circuit will recharge NiMH batteries right inside the radio, saving you both time and money. AC Adapter and antenna connectors included. "Flip-up" carry handle. One-year limited warranty.
Weight: 4.2 lbs. Size: 11.25" W x 7.25" H (9" H with handle) x 3.5" D.

Item #CSW $149.95

CCRadio-SW Gift Packs

Kit #1: For the shortwave enthusiast, the CCRadio-SW Gift Pack #1 includes a carry case and the plush SoftSpeaker™ Pillow Speaker.

Kit #2: This kit includes a durable acrylic stand for ease of use and the Kaito KA 33 Indoor Shortwave Antenna.

Item #CSK1 ... CCRadio-SW Gift Pack #1 *(SAVE $15)* **... $34.95**
Item #CSK2 ... CCRadio-SW Gift Pack #2 *(SAVE $12)* **... $54.95**

ATS 505P — *AM/FM/SW/SSB*

RoHS Lead Free

The Sangean ATS505P is an excellent entry-level shortwave radio with full shortwave coverage (from 1.711 to 29.999 MHz) and outstanding shortwave reception. This fine portable shortwave radio offers good audio and single sideband reception (SSB) all at a good price. The 505P has many features you usually find only in larger portable radios, like direct keypad entry, 45 memory presets and automatic search and store. Runs on the included AC Adapter or four "AA" batteries (not included). Earbuds, carry case and portable shortwave antenna included. > More features listed at *ccrane.com/505* Weight: 1.5 lbs. Size: 8.5" W X 5.3" H X 1.5" D.

Item #505 ..... $119.95

Kaito KA1121 — *AM/FM/WX/SW*

The Kaito KA1121 is an AM/FM/SW and WX radio with a detachable 256 MB MP3 player/digital recorder. You'll need a computer, computer skills, and the drive to hunt and peck to get the most out of this one-of-a kind radio. Spend some time reading the manual and you'll be well rewarded for your efforts. You'll learn to use the MP3 player to record your favorite radio shows (3x99-minute timers from AM/FM/SW) and how to transfer audio from your computer to the MP3 player. MP3 player holds up to 10 hours of high-quality recording (at 128 Kpbs). Accessories include: three NiMH "AA" batteries (for the radio), rechargeable battery for MP3 player, case, USB cable, audio cable, ear buds, long wire antenna and mini CD with manual and firmware. > More features online at *ccrane.com/KA1121* Weight: 11.9 oz. Size: 6.4" W x 3.9" H x 1.1" D.

Item #SWK $159.95

If you have broadband and poor radio reception, this is the solution!

CC WiFi Internet Radio

Now with Pandora

The CC WiFi combines straightforward style with the convenience of tuning in more than 16,000 radio stations from around the world. Whether your favorite radio station is in the USA or abroad, if it has a compatible online feed you'll be able to hear it with a CC WiFi radio anywhere. Tune in talk, news, music, Pandora, sports and much more from all over the world. You can also use the CC WiFi to stream audio from your computer.

The CC WiFi radio has excellent, clean audio in a small footprint that fits nicely on a desktop, kitchen counter or bedside table. There is no static, no fading. There's a headphone socket for private listening and a line out for use with your component speakers.

Features 99 memory presets, remote control, an alarm clock, WiFi Signal Strength Indicator, and an Ethernet port for a hard-wire network connection. Requires a broadband Internet connection. No subscription fee. Detailed instructions are included, but you can always give us a call if you have any questions about how to get the most out of your CC WiFi Radio. More than 16,000 radio stations stream their signal, like KGO, WABC, KFI, KDKA, and WGN. Reciva technology. > More details at *ccrane.com/internet-radio* Weight: 1 lb. Size: 6.5" W x 3.9" H x 3.9" D.

Item #CWF $139.95

NOTE: C. Crane has no control over content or providers for internet radios. Internet radios are not compatible with HughesNet Satellite Internet Services.

WiFi Antennas are on page 41

Squeezebox Boom

The Squeezebox "Boom" WiFi Internet radio has both amazing audio quality and extensive features. Tune in thousands of radio stations from around the world for free, and you can also enjoy premium music services like Rhapsody, Pandora, Slacker, and many more. > See more information at *ccrane.com/boom*

Item #SZB $299.95

Tangent Quattro WiFi Internet Radio

The Tangent Quattro integrates a WiFi and FM radio. Excellent audio quality. Search by location *AND* genre. Ethernet port for a hard-wire network connection. > More details at *ccrane.com/quattro*

Item #TQR ..... $249.95 — *Limited Supply*

Sonoro Elements WiFi Internet Radio

Modern style makes the Sonoro Elements one of the most beautiful WiFi radios made. Excellent audio quality and overall functionality. > See more details at *ccrane.com/sonoro*

Item #SER $499.95

Sanyo R227 WiFi Internet Radio

The Sanyo tunes in both WiFi and FM radio and has side-firing stereo speakers that produce good stereo sound at a moderate volume. Ethernet port. 90-day warranty > More details at *ccrane.com/sanyo*

Item #227 ..... $169.95

MYINE IRA WiFi Internet Radio

The IRA-WiFi Internet radio tuner features include a large LCD display screen, remote control, thin profile, and a selection of playable podcasts. > More details at *ccrane.com/myine*

Item #MIW $149.95

DETOUR

What is WiFi Radio? > Go to *ccrane.com/WiFi* for the answer — and more gear and latest pricing, too.

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CC Observer Wind-up Radio

The CC Observer is a C. Crane-designed, wind-up emergency radio with AM/FM and Weather Band. We made sure that it has good AM reception and an LED flashlight that is built into the side of the radio so it won't shine in your eyes. You can run the CC Observer from the built-in rechargeable battery pack, or you can go with 3 "AA" alkaline batteries (not included) if you prefer. If you don't have alkaline batteries, just wind-up the radio to charge the built-in battery pack and keep it running as long as you need. The CC Observer has a built-in 2-inch speaker, or you can plug in your headphones, for private listening in stereo.

You can also use the CC Observer to charge a cell phone or PDA. We include cell phone adapters for the most popular, recent model cell phones that can be charged with the CC Observer. Satin soft rubber finish. > More information and list of compatible phones are online at *ccrane.com/ccobserver* Weight: 1 lb. Size: 7.25" W x 5.5" H x 2" D.

Item #CBL .... Blue ..... ~~$49.95~~ **$44.95**
Item #COG ... Green ..... ~~$49.95~~ **$44.95** ***Sale!***
Item #COB ... Black ..... ~~$49.95~~ **$44.95**
Item #OBA ... AC Adapter (optional) ... **$14.95**

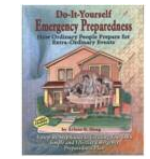
Midland WR-100 Weather Receiver

The Midland WR-100 is a NOAA weather receiver that could save your life. You can program it to receive emergency alerts for your county through the S.A.M.E. county code system. Keep informed of the latest weather and emergency alerts from the NOAA Weather Radio Service even when you're asleep. It is truly a "must-have" for staying informed of weather-related emergencies like tsunamis, tornadoes, and hurricanes. Powered by the included AC adaptor and 3 "AA" batteries (not included) for backup. The WR-100 has an alarm clock with snooze feature and sleep timer. Weight: 1.6 lbs. Size: 5.5" W x 2" H x 6" D.

Emergency Tip: Remember that all weather receivers will use up their batteries when the power is out, so be careful – keep extra on hand!

RoHS Lead Free

Item #WR1 ..... $44.95



Do-it-Yourself Emergency Preparedness

An "easy read" to help you prepare for an emergency. It has easy-to-follow plans for you and your family. It starts with all the information you need to survive an earthquake or other utility cutoff and goes on to recommend what you'll need for an extended power outage, a heat source, and food and medical considerations. One of the many good illustrations shows you how to make a solar still from ground moisture. 221 pages.

Item #EPB $19.95

Radio Accessories begin on page 28 — Antennas begin on page 35

Midland XT511 Base Camp Radio

The Midland XT511 Base Camp Radio is a 22 channel 2-way radio that can be used with any other FRS or GMRS radio or handheld. The Base Camp Radio is easy to use and has the ability to encode your chosen frequency with one of 121 CTCSS/DCS codes. By selecting one of these codes, you will only hear those stations that you want, without interruptions by other users. With NOAA Weather and Alert function you can hear important updates. It also is an AM/FM receiver with average sensitivity. It is an exceptional radio for the money. FRS operation requires no license. (GMRS frequencies do require FCC licensing.) AC/DC charging adapter included. It can be powered by optional 4 "AA" batteries or hand crank for emergency power. Works about 1/2 mile in city, 20 miles line of sight. 3-year warranty. Weight: 3.25 lbs. Size: 7.25" W x 6.5"H x 2.75" D.

Item #XT5 ..... $89.95

RoHS Lead Free

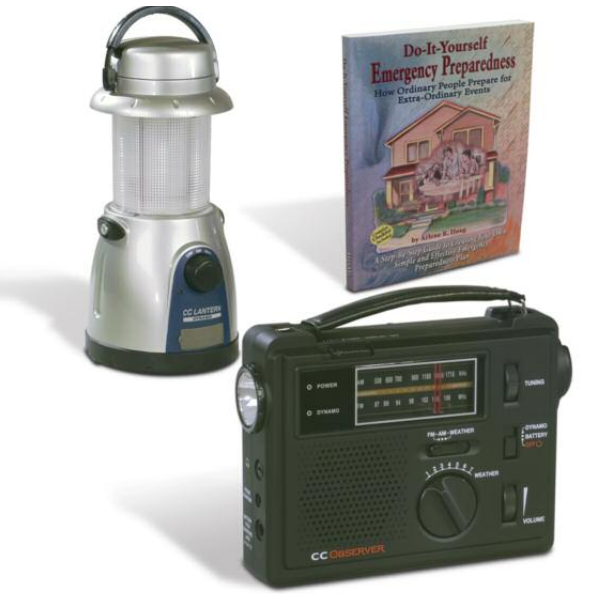
Midland LXT-110 Hand-Held Radios

The Midland LXT 110s are excellent companions to the Base Camp radio (above). They cover both FRS and GMRS channels. These radios provide you with a reliable way to communicate during disasters and for indoor/outdoor and upstairs/downstairs work. They work well with optional Headsets. Powered by 3 "AA" batteries (not included) or by rechargeable batteries (not included). Belt clip,1/2 watt, up to 12 miles line of sight. 3-year warranty. Weight: 4 oz. Size: 2.1" W x 5.5" H x 1.1" D.

Item #LXT ... Set of 2 **... $24.95**

If purchased with the XT511 Base Camp Radio $19.95

RoHS Lead Free



Calamity Kit-2

Best Wind-up Emergency Kit for the money – now even better

The Calamity Kit-2 includes the CC Observer AM/FM Weather Radio and the CC Windup Lantern. The CC Observer has an LED Flashlight built into the end of the radio, and a nice handle for easy carrying. You can charge the CC Observer by cranking it or with the optional AC/DC charger. You can also use 3 "AA" batteries (not included). The CC Observer can also charge most cell phones with the included common tips.

The CC Lantern is lightweight and collapsible, and will give you endless hours of light. Adjustable brightness from 9 to 15 bright white LEDs. Five to seven hours of light when fully charged (using included 12 Volt DC adapter or optional AC adapter). It can also charge cell phones using the supplied 12 Volt adapter.

We are now including the 221 page book *Do-It-Yourself Emergency Preparedness* with your purchase of the Calamity Kit-2. It is the best source of information we have found, plus it is easy to follow. See page 18 for more information. We also include our durable C. Crane bag to keep your Calamity Kit-2 handy when you need it.

Radio Weight: 1 lb. Size: 7.25" W x 5.5" H x 2" D.
Lantern Weight: 1 lb. Size: 8.75" H x 5" Dia.
Collapsed size: 6.1" H.

Item #CK2 ... CC Observer, Lantern, Book, Carry Bag **... $84.95**
Item #OBA ... Radio AC Adapter **..... $14.95**
Item #DLA .... Lantern AC Adapter **..... $12.95**

RoHS Lead Free

Radio Accessories begin on page 28 — Antennas begin on page 35

civilian

military

Uniden | Bearcat 370CRS Scanner Radio

It is a scanner, an AM/FM radio and an atomic alarm clock!

The BearCat 370CRS is a very sensitive scanner combined with a conventional AM/FM radio — and it could save your life. This convenient tabletop scanner picks up police, fire and Ham, and covers 25 to 950 MHz with 300 memories. The BearCat covers all the popular scanning bands, including military and civilian aircraft, and can search and store active frequencies that may not be published. It can receive both US and Canadian all-hazards alerts even when the scanner is turned off. The BearCat 370CRS is the first radio to pick up and alert you to special digital NOAA emergency transmissions broadcast right off of AM and FM radio. 10 AM/20 FM presets. It even has an accurate atomic clock and alarm that can be set to any time zone including GMT for the radio professional. Runs on included AC Adapter. Requires three "AA" batteries (not included) for limited backup power only. AM loop antenna included. Weight: 1.4 lbs. Size: 8.1" W x 3.25" H x 7" D.

Item #370 ..... $159.95

BC95XLT Scanner Radio

civilian

The BC95XLT Scanner makes it easier than ever to scan the airwaves for what is really going on during a crisis. Close Call™ RF Capture Technology can tune in nearby transmitter signals. This powerful scanner has the capacity to tune in police, ambulance, fire, Ham, weather bands, and civilian air traffic. Also captures signals at the auto races. PC programmable with optional USB cable. Operates on 2 "AA" alkaline or rechargeable batteries (not included). Rechargeable batteries can charge in unit with included AC Adapter. Weight: 7 oz. Size: 2.6" W x 5.2" H x 1.5" D. 10.8" H with antenna.

Item #95X $149.95

Item #95C .... USB Cable **... $29.95**

Scanner Antennas are on page 42.

Sony HD Radio

For HD Radio, C. Crane recommends the Sony XDRF-1HD receiver. This HD radio is considered to be one of the best units available by the three experts that we contacted (since C. Crane has no HD stations here in Fortuna). It also happens to be one of the lowest-priced units and is an excellent receiver for regular AM and FM. This HD receiver has no speakers or amplifier and is designed to be used with your audio system. The FM Reflect antenna will improve FM reception (page 39) and a simple long wire work fine as an AM antenna. Remote included.
Weight: 2.4 lbs. Size: 7.5" W x 2.5" H x 6.3" D.

Item #SOHD $99.95

RoHS Lead Free

The FM Reflect (page 39) is the perfect indoor antenna for HD FM and stereo FM radio. It picks up the HD signal with a flat response for the cleanest reception.

About HD Radio

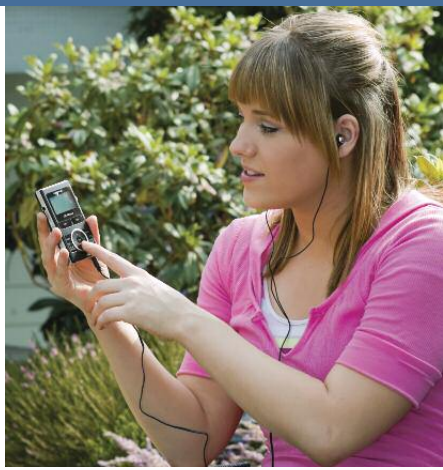
HD radio is still a new type of digital radio transmission. Since a traditional receiver will not pick up HD radio stations, you will need an HD-capable receiver to hear HD radio. It normally provides better sound quality but in many cases you must be within 15-25 miles of the radio station's tower to receive AM and FM. Of course, there are exceptions and an antenna may increase the distance.

When FM stations incorporate the HD format, they can add up to four feeds of various audio quality to the same signal. An HD receiver will then display the signals as: FM99HD-1, -HD2, etc., as you tune. This feature is available on some NPR FM stations that offer multiple broadcasts. AM radio frequencies do not have the ability to broadcast more data so they have only one HD signal. Digital noise produced by the AM HD technology broadcast may sometimes be a problem on adjacent stations.

Radio Accessories begin on page 28 — Antennas begin on page 35

C.CRANE PRODUCED

RoHS Lead Free



CC Witness

MP3 RECORDER-Player with Built-In AM/FM Radio

The CC Witness is probably the only pocket-size digital MP3 recorder/player that also has both AM and FM radio onboard.

The CC Witness has 2GB of onboard memory and up to 16GB of external memory on an optional SD card. That's enough memory to record your favorite radio programs, your thoughts, lectures and lots of music. You'll have plenty of room to store hundreds of hours of voice recordings, and still have room for more.

Radio lovers, if you've ever worried about missing your favorite radio show, then the CC Witness should be a welcome solution to your radio recording wishes — it has a timer! You can preset it to record up to 20 programs in advance. You can also make MP3 recordings of AM/FM radio programs (or anything else you can connect to the line-in) on the fly.

MP3 RECORDER

You can use the CC Witness to record music from Internet Radio and automatically separate it into individual recordings. You can also use it to record music, meetings, memos, language lessons, or even that memoir you've been wanting to write. You can use it for file storage or as an MP3 player to play back your favorite songs or audio books.

Some of the other fine features include: built-in mic, stereo speakers, USB 2.0 interface, built-in calendar, MP3 recording in 32Kbps to 256Kbps, and alarm clock. FM antenna, stereo earbuds and USB charger/ connector cable included. If you don't have a computer to charge the CC Witness, we offer an AC Adapter with our CC Witness Accessory Kit on page 24. The maximum number of files or songs is 2000 per memory card. > Full specs, comments and reviews are available at *ccrane.com/witness*
Weight: 3.6 oz. Size: 2.2" W x 4" H x 0.6" D.

Item #CWT $179.95

Record Internet Radio with your CC WiFi Radio

C.CRANE PRODUCED

RoHS Lead Free

CC Witness Accessory Kit

The CC Witness Accessory kit includes a convenient Charging Cradle, an AC Adapter and a Silicone Cover. The Charging Cradle will keep your Witness fully charged, without using your computer, so it's ready to go whenever you need it, while the Silicone Cover will give your new digital recorder an extra layer of protection.

Item #CAK $39.95

CC Witness + Accessory Kit

Save $20 when you buy the CC Witness and the CC Witness Accessory Kit together. You charge up your new CC Witness and then slip it into its fitted, silicone case for an extra layer of protection right away.

Item #CKT $199.95

Voz Stereo Microphone

Connect a Voz Stereo Microphone to your CC Witness and make more professional quality recordings wherever you are. Voices and music sound like they're right there with you, and the clarity can match microphones that cost much more. With the Voz Stereo Microphone, you can keep the mics together on one clip or separate the mic heads for better stereo sound. > Full specs online at *ccrane.com/voz-microphone* Weight: 1.2 oz. 4 ft. cord.

Item #VSM $39.95

4GB SD Cards

With a 4 GB SD Card, you can record up to two months' worth of a four-hour talk show on your CC Witness. A 4 GB SD Card can also hold about 1000 MP3 files downloaded from your computer. SD Cards are solid state, which means they have no moving parts, and offer you a great, durable way to save and store files.

Item #4GB $24.95

RoHS Lead Free

VersaCorder Tape Recorder/Player

CCRANE PRODUCED

RoHS Lead Free

The VersaCorder is the easy way to record your favorite radio shows and never miss a thing. It attaches directly to the headphone jack of your radio and, when set to quarter speed, can record 3.5 hours of information, news and entertainment on each side of a regular 105 min. cassette tape (or four hours by using the six-day/event timer to eliminate commercial breaks between segments). Use it on the fly and just press record when your show comes on, or set the timer to record a radio show automatically. Set to normal speed for high-quality music recording or to play back regular speed cassette tapes. Voice activation is ideal for telephone calls, meetings, or interviews. Includes: AC Adapter and special tri-plug patch cord for use with CCRadios and other radios. Built-in microphone and pull-out handle. Also runs on four optional "C" size batteries. Sorry, no auto-reverse. Recording directly from the telephone requires the use of the optional Phone Patch Cord. Weight: 2.4 lbs. Size: 10" W x 2.6" H x 6.5" D.

Item #VC $109.95

Item #VCP ... Phone Patch Cord **... $9.95**

Cassette Tapes

High quality and reliable 105-minute audio tapes.

Item #CT ... $2.50 each **Item #CT5 ...** 5 Tapes **... $12.00**

Cassette Player Head Cleaner

Remove the film caused by hours of recording and playback with this automatic swabbing head cleaner, housed in a cassette. Use once a week.

Item #THC $9.95

TEAC LP-R400 Turntable CD Recorder & Radio

Easily make high-quality, backup CDs of your record collection with the premium TEAC Turntable CD Recorder & Radio. Just drop in a blank disc (CD-R or CD-RW), cue up your vinyl and press record. In our tests, we couldn't tell the difference between a factory CD and our own CD recording. Finalized CD-R discs will play in most CD players, from your car to your home stereo to your portable CD player. You can make high-quality back-up CDs of 33, 45 and 78 rpm records, and can use the line-in to make back-ups of audio from other gear too. We recommend CD-R Music CDs for high-quality recordings and include one disc free with your order. Unit features a decent AM/FM tuner, a headphone jack and a handy remote. Weight: 21.6 lbs. Size: 18.5" W x 9.4" H x 14.25" D.

Item #TG4 ..... $449.95
Item #CDR5 ... 5 Blank CD-R Music CDs **... $7.95**

Custom Quarter Speed Player/Recorder

C. Crane modifies this small, high-quality Panasonic unit to play back the quarter-speed recordings you make on your VersaCorder. A built-in switch lets you play tapes recorded at regular speed, too. Built-in speaker. Runs on two "AA" batteries (not included) or optional AC Adapter. Weight: 8.8 oz. Size: 3.5" W x 4.5" H x 1.4" D.

Item #PSP $64.95
Item #QSA ... AC Adapter **... $14.95**

Digital FM Transmitter

C.CRANE PRODUCED

RoHS Lead Free

Go wireless! Send audio from your computer or MP3 player to any nearby FM radio!

The FM Transmitter uses FM radio waves to send sound from any device you choose to any nearby radio or stereo system. The only wire you have to connect is from the FM Transmitter to the headphone jack. Simple as that. And since the Transmitter works with any device that has a headphone jack, you can use it with your computer, WiFi radio, MP3 player, DVD player, and even satellite radio. It is perhaps the only FM Transmitter with adjustable audio input so it can handle virtually any level of audio. The side mounted thumbwheel allows you to adjust the input for perfect quality, and an LED indicator signals overload. One customer told us that she plugs the FM Transmitter into her TV, and sends the audio to a small radio she keeps by her ear. Many health clubs use it to broadcast music to motivate workout routines. AC Adapter included, or use 2 optional "AA" batteries. One of the few transmitting devices available that meets FCC specifications. Choose any FM frequency between 88.3 MHz and 107.7 MHz. Portable, fits in the palm of your hand. Size: 3" W x 3.5" H x 1" D. (Patent # US D483,024S)

Item #FMT $69.95

Heil Quiet Phone™ Pro

The new Heil Quiet Phone™ Pro active noise-canceling headphones by Bob Heil are scary good. They're about half the price that you would expect to pay for such high-quality, noise-canceling headphones. In our opinion, the audio quality is better than other famous brands because the Quiet Phone™ has better low frequency coverage and noise-cancelling functionality. The top head band is engineered to bend easily to adjust to fit your head perfectly, not just approximately, for excellent comfort even on a long flight.

The Quiet Phone™ runs over 50 hours on one "AAA" battery (not included). Unlike many other noise-canceling headphones, these headphones will continue to function even when the battery dies — they'll simply work in a basic, non-noise-canceling mode. These headphones are perfect for creating a quiet environment anywhere that noise may be an issue. Overall, the sound and physical design is exceptional. These headphones are a true testament to Bob Heil's ingenuity.

Bob Heil was inducted into the Rock and Roll Hall of Fame for his many accomplishments and is extremely well respected in the audio community.

Designed and assembled in U.S. Weight: 9.6 oz.

Item #QPP $169.95

Headphones and Accessory Kit

Item #QP2 ... Headphones and Accessories **... $189.95**

Quiet Phone Pro™ Accessory Kit

Includes a carry case and two airline adapters.

Item #QP1 ... Carry Case and Adapters **... $24.95**

CCRANE PRODUCED

RoHS Lead Free

Voz Headphones

You don't have to spend a lot of money for a decent pair of headphones. The Voz Headphones are good-sounding headphones at a low, affordable price. In side-by-side comparisons, we found that the sound quality of the Voz Headphones was better than those $15 big-box store headphones, and almost as good as a pair of big-name $40 headphones BUT still at just a fraction of the cost. The Voz Headphones have very good bass response when listening to music. When listening to talk radio, the accurate audio makes the voices sound great.

The amazing sound quality of the Voz Headphones is especially apparent when listening to a good, digital source such as a CD or a high-bit-rate MP3 recording. They're also excellent headphones for use with your portable radios and MP3 players, your computer, and the CC Witness. The Voz Headphones have an adjustable headband and large ear cushions. The headphones have a 7-foot cord, so you can move around freely while enjoying fine audio quality. Weight: 3.5 oz.

Item #VHP1 ..... $14.95

Item #VHPK ... 3 for $34.95

Sony Wireless Headphones

Enjoy your programs at a volume that's right for you.

You can watch TV or listen to radio at a comfortable volume while someone else reads a novel undisturbed. These wireless headphones also work with your computer, your MP3 player, or your CCRadio. 150-foot range, line of sight. Includes NiMH batteries. The headphones automatically charge in the base. Batteries last about 18 hours on a full charge. 900 MHz. 90-day warranty. Headphones Weight: 9.3 oz. Size: 8" W x 8.75" H x 3.5" D.

Item #SHP $79.95

In-Line Volume Control Extension Cable

Plug your favorite headphones, earbuds, pillow speaker or other listening device into this In-Line Volume Control and use the precise wheel to turn the volume up or down without having to reach for your radio, MP3 player or other audio gear. It is also very useful for controlling line-input levels when recording with the CC Witness (page 23). Length: 51", 1/8" stereo plug.

Item #VCC $7.95

Standard Pillow Speaker

Our standard pillow speaker has good audio quality and is loud, plus the wire resists breakage longer than most. 90-day warranty. 6-foot cord. Stereo tipped plug. Weight: 4 oz. Size: 3.3" W x 3.5" H x 1" D.

Item #PSS $7.95

RoHS Lead Free

"Finally, there is a pillow speaker that sounds great. The SoftSpeaker Pillow Speaker really works!"

— Steve Kruschen, Mr. Gadget

SoftSpeaker™ Pillow Speaker

C.CRANE PRODUCED

RoHS Lead Free

This pillow speaker has saved a marriage or two ...

The SoftSpeaker is probably the first pillow speaker designed, not just to go under your pillow (you can still do that if you like), but to sit right on your pillow, closer to your ear so you can keep the volume really low — where only you can hear it. To create the SoftSpeaker, we designed a high-quality pillow speaker and encased it in soft, padded foam. Next we put it all in a teddy-bear soft cover that's so plush you can rest your ear right on it. Just plug it into the headphone jack of any radio, put the speaker on your pillow, and enjoy one of the highest music and voice fidelity available in a pillow speaker. The SoftSpeaker offers the perfect combination of comfort, privacy and quality. Its durable, high-flex cord and the soft, removable, washable cover ensure reliability and comfort.

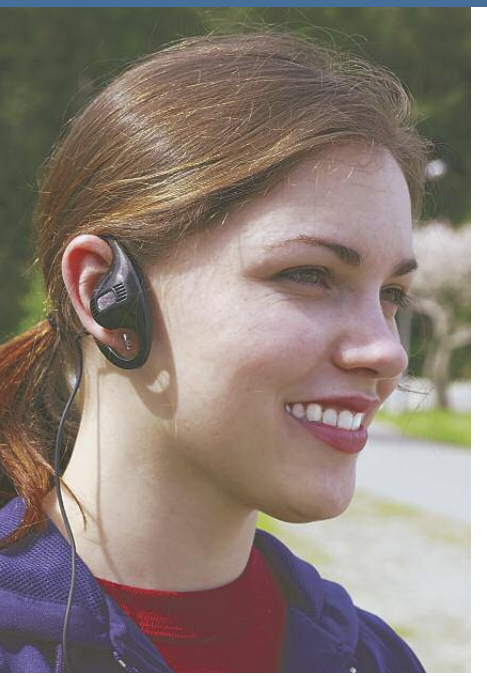
Features:

- Frequency response: 20 Hz to 20,000 Hz.
- Speaker type: Neodymium-Ferrous-Boron (Rare Earth Magnet).
- One-year Warranty.

(Pat. #US D466,886 S) Weight: 1.5 oz.
Size: 2" Dia., 6.5-foot cord with 1/8" jack.

Item #PS2 ..... $19.95

Durable, High Flex Cord Restraint



Over The Earphone

The Over The Earphone speaker looks unusual but it is comfortable, durable, and has good voice audio quality. It is a singular earpiece. We have some law enforcement and news program listeners who use it for stead-fast listening where good comfort is a concern along with still being able to hear when someone talks. Stereo tipped plug. Weight: 0.8 oz. Size: 1.8" W x 2.8" H x 0.5" D. 5-foot cord.

Item #OTE $9.95

RoHS Lead Free

Voz Earbuds

CCRANE PRODUCED

RoHS Lead Free

Nothing fancy here, but make no mistake, these no-frills earbuds are one of the best of all the models we've tested under $40. They're an inexpensive upgrade for any portable audio player. Enjoy the richness of every note and the clarity of full stereo sound. We expect these earbuds to get a lot of use, so we include four extra ear cushions with every order. 1/8" stereo plug. 4-foot cord.

Item #BWC $14.95

Crystal Earphones

These are some of the highest quality ear plugs available. The large one is crystal, and the small one is magnetic. The smaller size is preferable for those with smaller ears. Small plug comes with a separate plastic hook that can loop over your ear for comfort. We suggest you try one of each. Stereo tipped plug. 6-foot cord.

Item #SCE ... Small **..... $3.95**
Item #LEP .... Large **..... $5.95**
Item #EKI ..... One Of Each **... $7.95**

CCRadio-SW Carry Case

Protect your CCRadio-SW with a custom made carry case. Made in the USA especially for the CCRadio-SW, this nylon/poly case is a perfect fit and does not interfere with controls. Black.

Item #CSWC $29.95

CCRANE PRODUCED

Sonido Radio Carry Case

This simple, elegant, well-designed carry case is custom made in the USA to fit and protect the Sonido Radio, while providing a sturdy carry handle. Custom all gray color fits any decor.

Item #SOC $26.95

CCRANE PRODUCED

CCRadio-2 Carry Case

Custom made in the USA, it's the perfect complement to the CCRadio-2. Wraps perfectly around the radio, does not interfere with controls, and has a sturdy carrying handle. A convenient back pouch can stow your power cord and a pillow speaker.

Item #CA3 ..... $29.95

CCRANE PRODUCED

Acrylic Radio Stand

Portable radios are tipsy. This well-made, clear acrylic stand keeps your radio from sliding around when it's in your favorite place. The tilted stand also makes it easier to use the buttons and controls on your radio. Weight: 1.25 lbs. Size: 10" W x 5" H x 6.75" D.

Item #RST $16.95

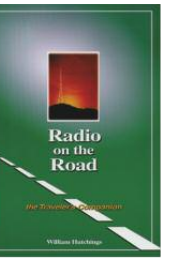
AM Radio Turntable

The AM Radio Turntable makes it easy to improve your radio reception just by turning your radio on its axis. That's because the AM antenna in your radio is directional. The turntable works well with a small TV, too. Size: 10" Dia.

Item #AMT $14.95

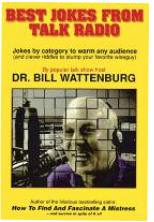
Radio On The Road

— A Travel Essential



You'll always know where to set the dial when you are on the road. Listings for over 15,000 AM and FM stations in the US help you easily locate talk shows, sports, NPR, and much more. 283 pages.

Item #ROR $16.95



Best Jokes From Talk Radio

by Dr. Bill Wattenburg

Interesting, extremely funny and risqué! Written by one of the most intelligent men in the world who is found weekend nights on KGO radio, 810 on the dial, San Francisco. Contains some sexual content. Not suitable for children. 140 pages. (You can also tune in to KGO through your WiFi radio.)

Item #WAT $7.95

Terk AM Antenna

When you want better AM reception, but also want an AM Antenna with some style points, now you have a great choice. The Terk comes with wires, so you can connect it directly to your stereo or radio. You can also use it without the wires, and improve your AM reception just by setting the antenna near your AM radio (through a process called inductive coupling). The Terk AM Antenna outperforms any of the smaller antennas included with a home stereo system. Size: 9.5" high.

Item #TR1 ..... $39.95

Have noise on your AM radio? > Please visit ccrane.com/radionoise for more information. Also, check page 37 for the Twin Coil Ferrite® AM Antenna by C. Crane.

Radio Antenna Back Scratcher

Radio lovers will appreciate this antenna-like back scratcher. It telescopes far enough to reach the itchy spot or you can attach it to a broken antenna stub. Extends to 20.5 inches. Weight: 1 oz. Size: 6.8" L x 0.8" Dia.

Item #BAS $9.95

AM Radio Listening

For 100 years, the magic of AM radio has provided instant, free access to national and local news, information and commentary. The best way to improve your AM reception is with a quality AM Antenna designed for your listening conditions. For specific tips on improving your AM reception, please visit *ccrane.com/am-reception* or give us a call at 800-522-8863.

CC Observer Wind-up Radio

An emergency radio with excellent AM reception.

Sale!

Page 17 ... **Item #COG** ... **$44.95**

CCRadio-SWPocket

For great AM/FM reception in a pocket/travel size radio that fits any budget.

Page 9 ... **Item #SWP** ... **$49.95**

LB-3 LED Flashlight

Perfect size for the pocket, handbag or backpack. Runs for 20 hours on one "AAA" battery.

Page 57 ... **Item #LB3** ... **$7.95**

GeoBulb® MR16 Light Bulbs

Replace a 20-watt halogen with a 3-watt LED bulb and save up to 85% on your electricity use.

Page 47 ... **Item #MRCW** ... **$49.95**

Radio Antenna Back Scratcher

For the radio lover with an itch. Extends to 20" to get the hard-to-reach spots.

Page 35 ... **Item #BAS** ... **$9.95**

Midland LXT-110 Hand-Held Radios

For reliable 2-way communication during emergency situations or for adjusting a TV antenna.

Page 19 ... **Item #LXT** ... **$24.95**

LEGO® Man Keychain

Lighted feet provide a perfectly fun gift or stocking stuffer or for dark and spooky nights.

Page 69 ... **Item #LKL** ... **$8.95**

Voz Headphones

Stereo headphones with good audio and bass. Easy on the pocketbook.

Page 29 ... **Item #VHP1** ... **$14.95**

C.CRANE

ORDER FORM (Please Print)

Bill to: (mailing address) Customer Number (from back cover) _____

Name _____ Area Code / Phone ( ) _____

Street _____ Apt. No. _____

City _____ State _____ ZIP _____

Ship to: ☐ Same address ☐ This is a gift order

Name _____ Area Code / Phone ( ) _____

Street _____ Apt. No. _____

City _____ State _____ ZIP _____

Order Information:

Qty	Pg #	Item #	Description	Each	Total

Thank You For Your Order

☐ Ship as items are available, or ☐ Ship order complete Subtotal _____

If shipping to Calif., add Sales Tax @ 8.25% _____

(See other side for additional Shipping Information) Shipping Charges _____

☐ Yes, please keep me on your mail list. Total _____

We do not release your information to anyone without your OK.

Please help and let us know where you heard about us:

☐ Radio Show, host or station? _____

☐ Web Website? _____

☐ Magazine / Other / Friend Which one? _____

Please do not staple, tape or paper clip your order form. Also, please DO NOT send cash.

Method of Payment: ☐ Check ☐ Money Order ☐ DISC / MC / VISA

Card Number ____ / ____ / ____ / ____ Exp. Date ____ / ____

Signature _____

Mail to: C. CRANE CO. INC., 1001 MAIN ST, FORTUNA, CA 95540-2008

For Assistance:

Phone: 1-800-522-8863 • FAX: 1-707-725-9060 • Web: *ccrane.com*

ORDER INFORMATION

SHIPPING CHARGES:

GROUND SHIPPING TO CONTINENTAL U.S
(Physical Addresses Only)

$ 0 - 25	$ 5.95	$ 126 - 175	$ 13.95
26 - 50	7.95	176 - 325	17.95
51 - 75	9.95	326 - 499	21.95
76 - 125	11.95	500 & up	FREE

If your package ships to an address within the United States, we will send it to you the most economical way (Ground or regular U.S. Mail – our choice). Extra charges may apply to batteries.

ALASKA, HAWAII, POST OFFICE BOXES, OR WHEN YOU REQUEST U.S. PRIORITY MAIL please call or visit us at *ccrane.com*.

OPTIONAL SHIPPING — 2nd Day Air, 3 Day Air, Priority Mail, Overnight:

Whatever it costs us to ship to you is what we charge you. **Please call or check** *ccrane.com* **on the web for Express Shipping Prices.**

CANADA:

Please call or visit us at *ccrane.com* for Canadian shipping charges.
Canadian shipping charges do not include duties and taxes.

International shipping is available on request or visit us at *ccrane.com*.

ALL ORDERS NORMALLY SHIP THE NEXT BUSINESS DAY

SHIPPING EXCEPTIONS:

All charges for shipping and expediting are non-refundable.

C.O.D.s are limited to $250.00 and have an additional fee of $9.00. Cashiers Check or Money Order required. Sorry, no postal or FedEx Ground C.O.D.s.

ORDERING METHODS:

PHONE: 1-800-522-8863 (TUNE)
WEB: *ccrane.com*
FAX: (707) 725-9060

MAIL: C. Crane Company, Inc.
1001 Main Street
Fortuna, CA 95540-2008

VISA • MC • DISC • Personal Check • C.O.D. *(Sorry, No American Express)*
Personal checks over $300 will be held up to two weeks for bank approval.

HOURS (Pacific Time):

Phone Hours:
6:30 AM - 5:30 PM M-F
7:00 AM - 5:00 PM Sat

Store Hours:
9:00 AM - 5:00 PM M-Sat

WHOLESALE AND CORPORATE GIFT INQUIRIES WELCOME:
Call wholesale at 1-800-522-8863 or Email to *wholesale@ccrane.com*

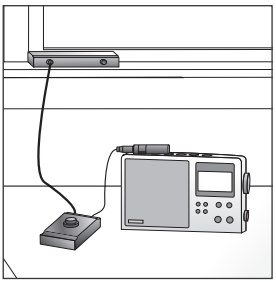
Twin Coil Ferrite® AM Antenna by C. Crane

CCRANE PRODUCED

RoHS Lead Free

The Twin Coil Ferrite® AM Antenna is a good solution to most AM radio reception problems. No matter what kind of radio you're using, the Twin Coil Ferrite can double your daytime reception, reduce nighttime fade out, and even eliminate heavy static and distortion. You can connect the Twin Coil Ferrite AM Antenna to your radio to hear distant low-power stations with amazing clarity. Designed to work with everything from portable radios without antenna connectors to home stereos with wire terminals. The basic Twin Coil Ferrite package comes with five feet of cable to connect the antenna to the tuner, but we also offer 25-foot and 50-foot extension cable kits (see below). This antenna is ideal for boosting AM radio reception in brick, stucco, or metal-sided homes. Runs on included AC Adapter or optional 9 Volt battery.

Tuner Size: 3.25" W x 4.3" H x 1.4" D. Antenna Element Size: 8.6" W x 2.5" H x 1.5" D.
(Pat. #US 6,529,169 B2)



For stucco, metal or brick buildings, or buildings with noise and interference, the Antenna Element can be placed in a window or outside in a covered area for best reception.

Item #TCA ... Twin Coil Ferrite AM Antenna with 5 feet of cable **... $99.95**
Item #J25 .... Optional 25 Foot Extension Kit **..... $19.95**
Item #J50 .... Optional 50 Foot Extension Kit **..... $29.95**

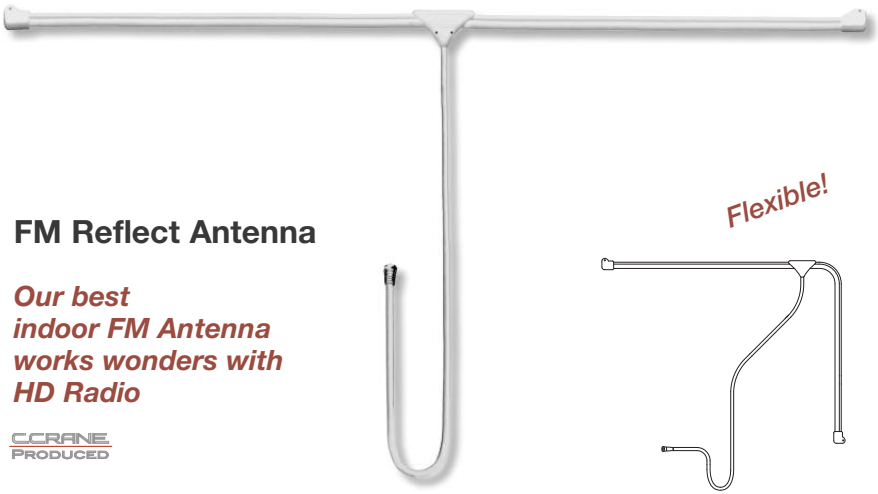
Fanfare FM-2G
Omni Directional FM Antenna

The Fanfare FM antenna is especially effective on stations between 90 and 100 MHz. The coil loaded whip design helps receive stations that even large outdoor antennas might miss, and the entire system installs easily and out of sight. We have found that elevation is very important with any FM antenna. When you get the antenna element above the average roof top height in your neighborhood, you will see a real difference in reception. A licensed contractor to help with installation is recommended if you do this. Includes: 53" whip antenna, 25 ft. of RG59 cable, and mounting bracket. Extend lead-in cable with extra RG59 cable. Stainless steel. Indoor or outdoor use. USA. One-year warranty. Weight: 4.3 oz. Size: 56" L.

Item #FAN $109.95

FM and FM HD Radio Listening

Commercial FM stations broadcast at frequencies 100 times higher than AM and have their own reception problems. Common FM reception issues are multiple stations on one frequency and multi-path hissing caused by hills, buildings and foil-faced insulation. The best solution to these problems is one of our powerful indoor or outdoor FM antennas. An outdoor antenna will give you the best results. While some hissing problems are eliminated with HD radio, you still need a good antenna to acquire a weak digital signal



FM Reflect Antenna

Our best indoor FM Antenna works wonders with HD Radio

CCRANE PRODUCED

Flexible!

A quick and easy way to improve the FM reception of your portable radio or stereo receiver is with an affordable FM Reflect Antenna. The FM Reflect can be bent and shaped to get the best reception from the circular polarization now used by many FM stations. If you've made the leap to HD radio, the FM Reflect is also one of the few antennas that tested well with the new digital signal.

Now for the technical part: Compared to other indoor FM antennas, the FM Reflect achieves a high signal-to-noise ratio and is less susceptible to interference from surrounding objects and people. The dipole design is more powerful than a standard dipole antenna, and delivers maximum gain across the entire FM broadcast band. Unlike ordinary dipoles, with the FM Reflect Antenna there is no fall off near the end of the FM band. In other words, this is a good FM antenna.

Size: 54" all-copper element with an 8-foot feed line. Weight: 8.5 oz. Comes with "F" connector, balun spade connector and alligator clip.

Item #FMW $34.95

Kaito KA-33
Shortwave Active Loop Antenna

Go beyond the reception of your shortwave radio's whip antenna.

This loop antenna enhances the reception of any desktop or portable shortwave radio. It hangs from a window or curtain, attaches directly to a 1/8" ANT jack, or clips to your radio's existing antenna. 3.9-22 MHz frequency coverage, with a 15-foot feed line. Requires 2 "AAA" batteries (not included). Indoor use only. Weight: 2.7 oz. Tuner Size: 1" W x 3" L x 0.5" D. Loop Size: 22.5" W x 27" W.

Item #KP2 ..... $49.95

Freeplay Portable Shortwave Antenna

An inexpensive way to improve shortwave radio reception. Our 23-foot, longwire, reel-type, shortwave antenna clips right on the whip antenna of your radio (best method). We highly recommend this antenna for all world band radios. Weight: 2.1 oz. Size: 2.4" Dia. x 0.7" D.

Item #BSA $19.95

RoHS Lead Free

Shortwave Frequencies are listed on our website.
Please visit *ccrane.com/shortwave-frequencies*

Shortwave Listening

Shortwave provides a vital service during an emergency because shortwave stays active even when all other communications are down. Listening to shortwave is also a fascinating hobby that can introduce you to "live" radio from around the world. Shortwave is both a hobby and a survival tool.

Super USB WiFi Antenna II

Boosts WiFi Range Up To 3 Times farther!

This USB WiFi Antenna is a great solution for receiving WiFi access to the internet. Even if your computer isn't WiFi ready, the Super USB WiFi Antenna can get you connected. To use it, simply install the software, plug the cable into the USB port of your computer and you're ready to go.

The Super USB WiFi Antenna can boost the range of your WiFi network more than one quarter mile line of sight! It's an omni-directional antenna with up to 24.5 dB High-Gain. It's probably one of the best home, mobile or RV WiFi antenna made. Windows 98 through Vista. Mac OS 10.3 through 10.5. A 15-foot cable is included. > More information at *ccrane.com/WiFi* Weight: 1.7 oz. Size: 1.1" W x 9" L x 0.25" D.

Item #US2 ..... $79.95

Wi-Fire Wireless Internet Getter II

Increase the WiFi range of your desktop or laptop computer by up to 350%* with this directional WiFi Antenna. Soft rubber mounts atop your laptop screen or sits flat on a desktop computer. This small, high-powered, directional WiFi Antenna cuts through disruptive interference, making it great for inner-city use or anywhere you have a weak signal. Windows XP, Vista, Mac OS 10.4 and 10.5 required. > More details at *ccrane.com/WiFi* Made in the U.S. Weight: 2.8 oz. Size: 4" W x 4" H x 1.6" D at base.

Item #IG2 ..... $59.95 * Range varies according to conditions

Versa USB WiFi Adapter II

The Versa WiFi USB Adapter II comes with a 5dBi antenna and will easily connect to a local hotspot or your WiFi network. When a larger optional antenna is attached you can get WiFi up to three miles away. > See more info at *ccrane.com/WiFi* Weight: 1.6 oz. Size: 1" W x 3.3" L x 0.4" D.

Item #WF2 ..... $29.95

Get WiFi even though your computer doesn't have WiFi. Dramatically extend your WiFi range.
> More information at *countrymilewifi.com*

CC Super Gainer Scanner Radio Antenna

C.CRANE PRODUCED

Super charge any handheld scanner radio

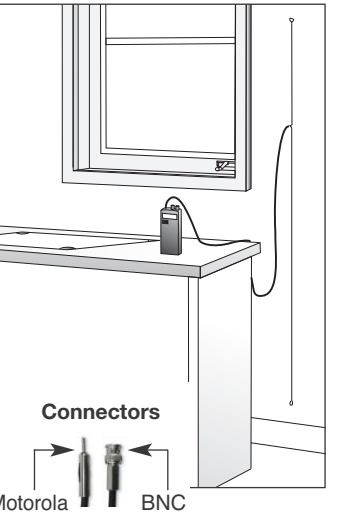
Upgrading the antenna on your handheld scanner is **the easiest, most cost-effective way to improve its performance**. The 15.75" CCSuper Gainer is more responsive on all bands than any other portable antenna we have tested! In our own tests, it made a dramatic improvement in reception from low band through 800 MHz compared to the standard antennas on our scanners. The BNC antenna connector is compatible with almost all handheld scanners. Weight: 1 oz.

Item #CG2 ..... $19.95

C.CRANE PRODUCED

Coaxial Scanner Radio Antenna

The simple, yet effective Coaxial Scanner Antenna **increases reception by at least 50%** over the antenna that originally came with your scanner. The top and bottom elements of the Coaxial Scanner Antenna are precisely cut to a tuned length for general scanner listening on all frequencies. Installation is simple; just tack it up on a wall. Hide the Coaxial Scanner Antenna behind a curtain for a tidy look. A nice, long, 15-foot feed line is included to make life easier. Made by C. Crane. Weight: 9.5 oz.



Item #CSAM ... Motorola Connector **... $24.95**

Item #CSAB .... BNC Connector **..... $24.95**

Scanner Listening

A scanner can keep you out of harms way during a catastrophe and might even save your life. Scanners are an invaluable tool during a major event. If you're using a scanner for the first time, get to know the 2-meter Hams in your area. You'll hear them between 144 and 148 Megahertz. When there's an emergency, Ham operators use these frequencies to relay vital information throughout a community. Of course, during calm times, you can also use your scanner to listen-in on the work of first-responders and race car drivers.

Amplified Indoor TV Antenna for HD

UHF/VHF/FM

This Amplified Antenna outperformed the several models we tested, even HD antennas — by a good margin. The unique combination of adjustable twin telescopic and circular antennas picks up UHF, VHF, and FM broadcast stations with impressive clarity. It also makes an excellent backup antenna for when your cable or satellite system goes out. 60-day warranty. Weight: 1.5 lbs. Size: Base 7.1" W x 11" H x 5.4" D. 32" Elements.

Item #TVA $29.95

Cellular Antenna For Trucks, RVs or Country Living

The Best Cell Phone Antenna Ever!

Dramatically increase the range of your cell phone with an external cell phone antenna. Whether on the road, or out in the country, a clear, reliable cell phone signal is essential — especially if it's your primary phone. This is the only antenna we've tested that increases range while decreasing dropouts, noise, and disconnects. Designed for trucks and RVs, but also perfect for your home base station. The antenna fits in any standard CB antenna mount with 3/8" x 24 threads, and works with almost all cell phones and cellular computer cards. Includes: 32-inch antenna, three 3.5-inch radials, and 10.5 feet of 3/6" diameter cable. **Price includes external adapter for most cell phone models,** though some adapters require special order — please specify make and model of your phone or cellular computer card when ordering. > Mounting options and additional antenna extension cables available at *ccrane.com/cellantenna* or call for advice from our experts. **Mounting hardware not included.** Weight: 12 oz.

Item #CA $74.95

Save energy. Long life.

There is no easier way to save energy than to replace your inefficient, incandescent light bulb with a GeoBulb® LED Light Bulb.

A GeoBulb® saves up to 89% of the electricity used by an equivalent incandescent bulb, and over 40% used by a similar compact fluorescent bulb. As of October 2009, **all GeoBulb brand lights now have a 5-year warranty.**

Most bulbs are available in three color temperatures (Soft, Cool and Warm White). The new GeoBulb®-3 uses advanced circuitry developed by C. Crane and is built with high-quality components designed to outlast the LEDs themselves. Patents have been filed for our new circuitry.

All new GeoBulb® Brand bulbs feature:

- 50,000-hour bulb life
- 5-year warranty
- Cool running — Each GeoBulb®-3 generates 40% less heat than CFLs and 89% less heat than incandescent bulbs.
- Instant On/Off, Not Dimmable
- No Mercury or Hazardous materials

Products:

All components used in the GeoBulb® are rated to last longer than the 50,000 hours expected from the LEDs themselves. Our manufacturing method gives C Crane confidence in the GeoBulb® during its warranty period.

C. Crane uses some of the highest quality LEDs available to make the GeoBulb®. They are rated to produce high light output while maintaining low energy usage and long life expectancy. The GeoBulb® has a 5-year warranty even if used 24 hours a day for five straight years. The color rendition of our LEDs is stable over time. The color of compact fluorescent bulbs can sometimes change significantly early in their lifetime.

If less expensive components are used, LED bulbs can sometimes change values after a few thousand hours of run time. Energy performance can start dropping after that time. Light output can also drop prematurely. The high-quality components in a GeoBulb® are purposely run at a temperature below their maximum designed operational temperature to help reduce performance loss.

A common, everyday 60-Watt light bulb burns the equivalent of over 2000 pounds or one ton of coal in five years. Most people alive today will see the “easy-to-get” coal depleted and costs will rise. A solar or wind generation system for your house is expensive and takes planning and maintenance. Right now you can start reducing your electric bill one small step at a time by replacing your most used light bulb with one of our high-quality GeoBulbs®. More types of bulbs will be coming out regularly.
> More information at *GeoBulb.com*

C.CRANE PRODUCED

RoHS Lead Free

GeoBulb®-3 LED Light Bulb *NEW!*

The new GeoBulb®-3 cool white LED light bulb uses about 7 Watts of power to put out about as much light as a 60-Watt incandescent light bulb. You can use it in most places where you currently use an indoor, standard, screw-in 60-Watt bulb. You can install a GeoBulb® to bring energy efficient lighting to a foyer, open ceiling cans ... you name it. It is still initially more costly than a compact fluorescent but the cost over the life of the bulb is getting close to the cost of using a compact fluorescent in some cases. The GeoBulb® gives off most of its light evenly off the top of the bulb. A few examples of best places to use the GeoBulb® are in areas where the bulb is "on" most of the time: in high ceilings, where it is unsafe to change the bulb; or when you have to pay someone to change the bulb. The GeoBulb®-3 works great for ceiling can or track lighting applications.

The GeoBulb® gives off very little heat and turns on instantly at full brightness. There is no warm-up period like compact fluorescents. And once you install a GeoBulb®, you don't have to think about changing it for five years even if used continuously. Unlike CFLs, the GeoBulb® puts out a consistent color of light for the life of the bulb. It has no mercury, can be used in colder temperatures, and is built for maximum longevity. The GeoBulb® is available in three color temperatures: Cool White, Warm White and Soft White, and is backed by a 5-year warranty. The room temperature must not exceed 95°F for the warranty to be valid. In addition the Geobulb must be used in an open fixture for ventilation.

Watts: 7.0. Life Span: 50,000 Hours.
Weight: 4.8 oz. Size: 4.7" H x 2.25" Dia.

Item #3CW .... Cool White **..... $99.95**
Item #3SW .... Soft White **..... $89.95**
Item #3WW ... Warm White **... $85.95**

Quantity discounts are available on all GeoBulbs.

Pats. Pending, UL & FCC Listed, RoHS Compliant

Cool White 570 Lumens Approx. 60W | Soft White 398 Lumens Approx. 50W | Warm White 355 Lumens Approx. 40W

Before

After

GeoBulb® Under Cabinet Light Bar

CCRANE PRODUCED

RoHS Lead Free

Save energy and put light right where you want it.

Our new GeoBulb® Under Cabinet Light Bars are only about 1/2-inch thick. These energy efficient lights use very little power and can install with just a screw driver or some (included) doubled-sided tape. Once they're installed, you'll notice they give off very little heat and each Soft White light bar puts out about as much light as a 15 watt incandescent light bulb. The Cool White light bar is even brighter.

Each 12-inch light bar has 6 LEDs, and you can connect up to 11 light bars on one 12V adapter. The GeoBulb® Under Cabinet Light Bars are available in Soft White and Cool White. The clear lens is easily wiped clean.

We use the same high-brightness LEDs you'll find in GeoBulb® LED Light Bulbs, so you'll get a great combination of energy efficiency and longevity. Like our other LED light bulbs, the GeoBulb® Under Cabinet Light Bars are lead- and mercury-free and will last over 50,000 hours. Uses only 2.4 watts of power per light bar. Five year warranty. > More information available at *ccrane.com/geo-light-bar*

Light Bar Weight: 2.7 oz. Size: 0.56" H x 12" L.

Item #UCSW ... Soft White (1 Bar & AC Adapter & Connectors) **..... $44.95**
Item #UCS2 .... Soft White Expansion Kit (2 Bars & Connectors) **.... $74.95**
Item #UCCW ... Cool White (1 Bar & AC Adapter & Connectors) **..... $44.95**
Item #UCC2 .... Cool White Expansion Kit (2 Bars & Connectors) **... $74.95**

Pats. Pending, FCC Listed

Warm White

Cool White

New LED Bulb Breakthrough: The GeoBulb® MR16

The new GeoBulb® uses only 3 watts, saves up to 85% in electricity usage and lasts a long time. The bi-pin, 12 Volt low-voltage MR16 bulb is typically found in track and pendant light fixtures used in commercial applications like restaurants and art galleries. It is also found in homes.

The GeoBulb® MR16 can save you energy and give you a good financial return on your investment. If you run the GeoBulb® MR16 for 24 hours a day, seven days a week, you could save up to $250.00 over the life of the bulb as compared to a standard MR16 incandescent or halogen bulb in electrical and bulb replacement costs.
> Please go to *ccrane.com/MR16* to see more information.

The new, High Brightness, energy saving GeoBulb® MR16 easily replaces conventional bulbs in indoor applications where a 20-Watt, 30-degree beam Halogen or incandescent bulb is now used. High-quality materials, pioneering techniques and over a decade of white LED experience allow us to give a Five Year Warranty.

Note: Warranty requires ambient room temperature no higher than 95° Fahrenheit (35° C). The GeoBulb must be installed in an open fixture for ventilation.

Available in Cool White and Warm White.
Weight:1.3 oz. Size: 1.8" Dia. x 1.8" L.

Item #MRCW .... Cool White **..... $49.95**

Item #MRWW ... Warm White **.... $49.95**

Quantity discounts are available on all GeoBulbs.

GeoBulb® Wedge Base 12-Volt LED Light Bulb

C.CRANE PRODUCED

RoHS Lead Free

The GeoBulb® Wedge Base LED Light Bulb is a direct replacement for wedge-base (T3, T4 and T5 size) bulbs used in Malibu® 12V type outdoor lights. Unlike average bulbs that have to be replaced at least once a year, GeoBulb® Wedge Base bulbs last over ten years (at eight hours a night) — saving you money every minute they're on. The GeoBulb® Wedge Base bulb uses less than 1/4 of the energy of a standard 4-watt wedge base bulb and, when used in a downward or upward position, is even brighter than an 11-watt incandescent bulb.

In addition to lasting more than a decade, this bulb is mercury and lead free, generates very little heat, and can be used in all types of weather (-10° to 120° F). Because of the Wedge Base LED's low power consumption, you can install up to 16 light fixtures on one transformer rather than the usual four, saving you money on initial cost, energy use and the hassle of adding additional transformers and wiring. Part of our Premium Quality High Brightness (PQ-HB) GeoBulb® line. Works with any 12- to 16-Volt AC or DC systems. Assembled in Fortuna, California. Warranty: We back the GeoBulb® with an unprecedented, unconditional 5-year warranty against burnout, even if the bulb is used 24 hours a day for five consecutive years. Available in Warm White and Cool White color temperatures. Sold in packs of 2 bulbs. 1 Watt. Weight: 0.1 oz. Size: 0.75" H x 1.25" Dia.

Item #GCO ... Cool White (2 Pack) **..... $24.95**

Item #GEW ... Warm White (2 Pack) **... $24.95**

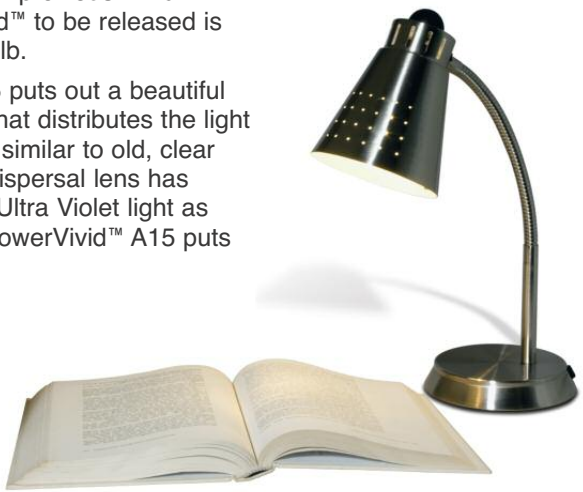
Quantity discounts are available on all GeoBulbs.

PowerVivid™ A15 LED Light Bulb

The new PowerVivid™ appliance-size bulb (A15) uses only 2 watts to put out about as much light as a 15 Watt incandescent bulb. The PowerVivid™ A15 uses a single, High Power LED and has the most common screw-in base. This new bulb is available in two color temperatures: Cool and Warm White. The PowerVivid™ A15 is perfect for any low-light output application or decorative use. The lower light level is excellent for middle of the night reading or computer use. The PowerVivid™ A15 is bright enough to be used as a decorative or animated sign light in Las Vegas.

PowerVivid™ white LED lights are new, lower-cost bulbs that are replacing our previous Vivid series. The first PowerVivid™ to be released is the A15, appliance-size bulb.

The new PowerVivid™ A15 puts out a beautiful light through a clear lens that distributes the light in a very pleasing manner similar to old, clear incandescent bulbs. The dispersal lens has been treated to withstand Ultra Violet light as found in sunlight but the PowerVivid™ A15 puts out no UV light of its own.



Two year warranty. It works from 100 Volts to 240 Volts. It will not work on a dimmer. For indoor use. UL Listed.
Weight: 2.1 oz.
Size: 1.9" Dia. x 3.7" L.

Item #A1C .... Cool White **..... $24.95**
Item #A1W ... Warm White **... $24.95**

RoHS Lead Free

CC Vivid Bright Night™ LED Bulb

A night light for your home!

The CC Vivid Bright Night™ is an excellent night light. Night lights should be cheap to operate and last a very long time — which is why we designed our very own LED model — the CC Vivid Bright Night™. These 120 Volt bulbs last 20,000+ hours, run cool, won't shatter like glass, and are energy efficient. Fits most standard night-light fixtures. 1.3 watts. Two-year warranty. Weight: 0.3 oz. Size: 2" H x 0.75" Dia.

Item #BNB $5.95
or 2 for $10.95

RoHS Lead Free

Night Light Fixture with Switch

An inexpensive night-light fixture with an On/Off switch that works perfectly with our CC Vivid Bright Night™ bulb. UL listed.

Item #NLS $4.95

Brushed Nickel Finish Gooseneck Lamp

For an instant-on, energy-saving task or reading light, put your PowerVivid A15 in this Brushed Nickel Finish Gooseneck Lamp. This simple lamp has a flexible neck that lets you shine the light where you need it. The weighted base holds the lamp firmly in place, and the over-sized On/Off knob is easy to find in the dark. Also works well with any common screw-in base light bulb. Powered by 120V AC power cord. Bulb not included. Weight: 3 lbs. Size: 16.75" H x 5.9" Dia. base.

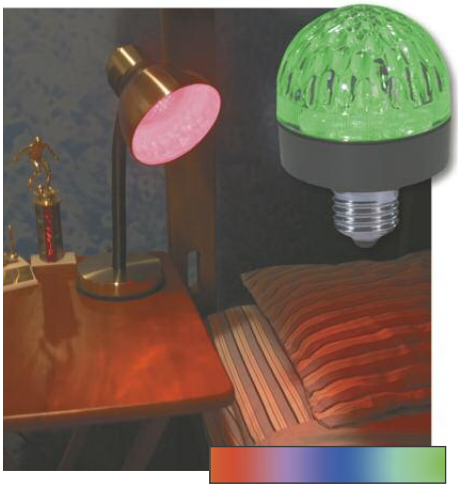
Item #BNL $29.95

CC Sun's Dusk Accent Light

Turn any bedside or computer light fixture into a super energy-efficient accent light! The Sun's Dusk bulb creates a gentle, warm glow. The soft yellow light is ideal for low, mood-setting illumination. The 18 LEDs use only 0.9 watts. Two-year warranty. Size: 4.25" H x 2.5" Dia.

Item #SDB $12.95

RoHS Lead Free



CC Color Changing Bulb

Kids Love Them!

Set the mood for a party even before your guests get to the door. The CC Color Changing Bulb is a fun light that changes from red to blue to green at a gentle pace. Thirty-six LEDs cast very rich colors, previously only found in stained glass. If you run this 3 watt bulb 24 hours a day, it will cost $1 a year. Two-year warranty. Size: 3.25" H x 2.25" Dia.

Item #CHB $19.95

RoHS Lead Free

Gift Certificates

C. Crane's gift certificates are the perfect solution for any special occasion. From celebrating birthdays and graduations to anniversaries and weddings, C. Crane gift certificates make it easy to please just about anyone on your list.

They're available in any amount and never expire. Be sure to include your address and the name and address of the recipient. Any refund will be issued in the form of an additional gift certificate. Gift certificates are exchangeable for C. Crane merchandise only. Call us at 800-522-8863 or visit *ccrane.com/gifts*

LED Under Cabinet Light Bars

Full illumination with virtually no maintenance.

The LED Under Cabinet Light Bar is a low-profile, money saving solution to brightening up the counters in your kitchen, bathroom or entertainment center. The extruded aluminum case helps get the full life cycle out of the LEDs. Our high-brightness 6 LED or 12 LED light bars install easily with just a twist of a screwdriver, and give you a bright, ambient light that doesn't buzz like fluorescent units. Each high-powered, one watt LED puts out about 7 watts of light. LEDs last 30,000+ hours and use just pennies a day in power. The 6 LED light bar draws 6.8 watts. The 12 LED light bar draws 13.6 watts. Mounting screws, directions included. An AC Adapter will power two of the 6 LED light bars or one 12 LED light bar. Six LED Bar Size: 2" W x 10.25" L x 1" D. 12 LED Bar Size: 2" W x 19.45" L x 1" D.

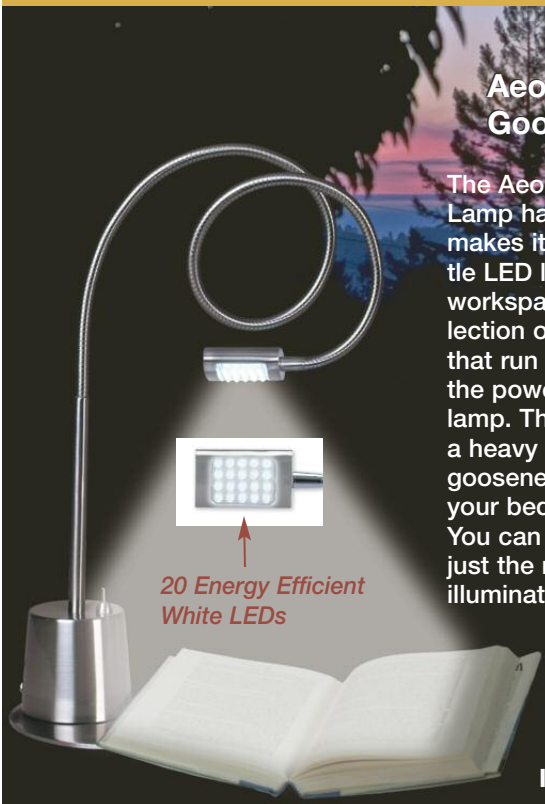
Item #6LB ..... 6 LED Light Bar **..... $119.95**
Item #12LB ... 12 LED Light Bar **..... $199.95**
Item #LBA ..... AC Adapter **..... $34.95**
Item #LBC .... Daisy Chain Connector **... $9.95**

Do It Yourself LED Strip Lighting

Slim, durable, money saving light!

Easily install energy-efficient LED lighting ANYWHERE from under your cabinets to around your stereo system. Each lighting kit has five light clusters with four low-voltage LED bulbs. Install with self-adhesive pads (included) or use your preferred screws. AC power supply supports 25 modules (or 100 bulbs). 120 Volt or your 12 Volt system. LEDs last thousands of hours. > More information at *ccrane.com/DIYLED*

Item #LLK ... Complete Kit **..... $59.95**
Item #STG ... Addit. 20-LED Strip **... $24.95**



Aeonic Extended Gooseneck Lamp

The Aeonic Extended Gooseneck Lamp has a long, flexible neck that makes it easy to aim the cool, gentle LED light right over your book or workspace. The Aeonic has a collection of 20 energy-efficient LEDs that run cool and use a fraction of the power of an ordinary reading lamp. The long neck is anchored in a heavy base so you can use this gooseneck lamp comfortably by your bed or over your piano stand. You can adjust the 36-inch neck to just the right height and angle to illuminate a book and not disturb anyone trying to get some sleep. AC Adapter incl. Steel. Size: 3.5" Dia. at base. Uses only 2 watts of power.

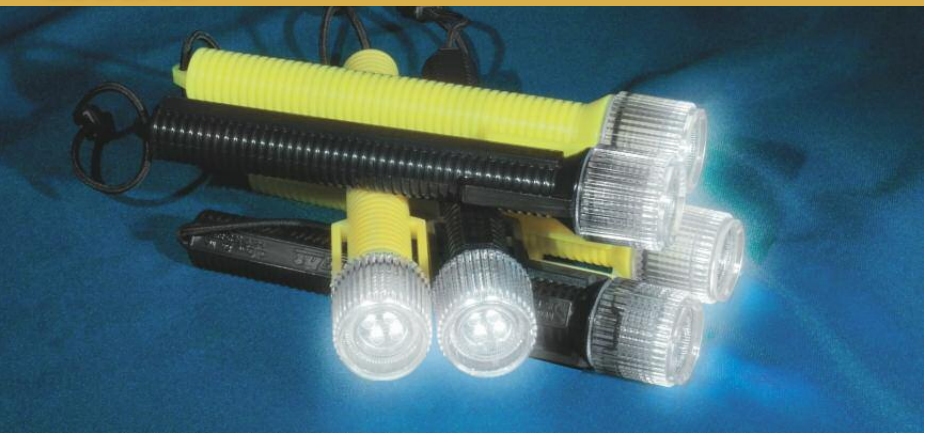
Item #ENL $99.95

i-Bar High Powered LED Desk Lamp

The i-Bar High Power 6-LED desk lamp has earned the distinction of being an excellent desk lamp. Using the solid and sturdy base, you can direct it anywhere. With the clamp mount (included), your mounting options are even more diverse.

The High Power lamp has four different levels of light output. Even though the light is very bright, the lamp only uses 9.5 watts of power to run on its highest setting. The light element is only mildly warm to the touch, even after running it for many hours. The color of the light output is ~5500 Kelvin (daylight). Adapter included. Weight: 4.1 lbs. Size: 18.5" H. Base is 9" Dia. LED light bar length is 14.5" long.

Item #IBR $159.95



CC Trek 4-LED Flashlight

C.CRANE PRODUCED

The CC Trek Light uses four ultra-bright, white LEDs for double the light output of the original model, but still the same amazing battery life. The Trek Light's unique design gives you over 40 hours of bright light followed by over 100 hours of useful light. The Trek Light's long battery life and shockproof, slim design make it the perfect flashlight for a backpack or purse. The soft, even light cuts through darkness better than incandescent flashlights and without that frustration of a fragile filament bulb. The U.S.-made CC Trek LED Flashlight started a revolution in flashlights in 1998 and is still one to be measured by. Bulbs last thousands of hours. Durable "twist on/twist off" switch. Tested waterproof to 160 feet. Elasticized lanyard included. Highest quality. Uses 3 "AA" alkaline batteries (included). Weight: 4.5 oz. Size: 7.4" L x 1.3" Dia. Made in USA. U.S. Patent # 6,168,288. C. Crane Company Exclusive.

Item #CCB4 ... Black **.... $29.95**

Item #CCY4 ... Yellow **... $29.95**

CC 1-Watt LED Flashlight

If you want to cut through darkness with a smaller, High-Power LED flashlight, take a look at the CC 1-Watt LED Flashlight. Just don't look right into the light, since that single, 1-Watt LED is so bright it will leave you seeing spots. Aluminum body with lanyard and rubberized grip. Uses 3 "AAA" batteries (not included). Lanyard and carry case included. Weight: 6.6 oz. Size: 5.5" L x 1.3" Dia.

RoHS Lead Free

Item #C1W $19.95

Light for Life Flashlight

Ultra-Capacitor Powered — No Batteries

Ninety seconds of charging gets two hours of light. You'll never need to worry about changing batteries because it doesn't use normal batteries. It stores its power by using a new technology called Ultra-Caps, which are rated for 50,000 charges, and will virtually never wear out. Combine this cutting-edge technology with long lasting LEDs and high-impact plastic housing and you've got a flashlight that is virtually indestructible. Our brightest flashlight works great for campers, boaters, truckers, RVers, and emergency crews.

Three 3-watt super-bright LEDs can shine light on objects more than 100 yards away. Smart switch gives you bright, super bright and strobe options. Included accessories: 12V car charger with cigarette lighter plug, nylon belt ring, and mounting bracket. Water resistant. Lifetime manufacturer's warranty for flashlight. One-year warranty for car charger. Weight: 16 oz. Size: 11.5" L x 1.7" Dia. at body, 2.5" Dia. at head.

Item #LFL $169.95

Item #LFLP ... Optional AC Adapter **... $39.95**

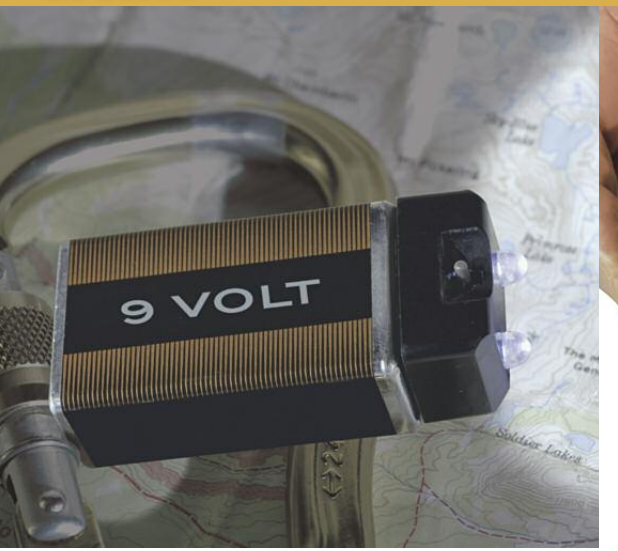
RoHS Lead Free

Unity Luxeon LED Flashlight

The Unity Luxeon LED Flashlight takes advantage of Luxeon LED technology for an even brighter beam of light from a single 3-Watt Luxeon LED Bulb. It casts a tight, defined beam of light that shines more than 100 yards. The Unity uses just three "C" size batteries and delivers up to 20 hours of full light followed by over 60 hours of usable light. Knurled, non-slip rubber grip practically sticks to your hand. Machined, black aluminum body. Double "O" rings for water resistance. Just the right size for self-defense. Push-button On/Off switch. Batteries not included. Lanyard included. Weight: 15.8 oz. Size: 9" L x 1.1" Dia.

Item #ULX $49.95

RoHS Lead Free



Pak-Lite Super White LED Flashlight

The ultra-reliable Super Pak-Lite is slightly bigger than its 9-volt battery so you can have it with you all the time. Weather-resistant. Up to 30 hours of light on high, and up to 600 hours on low. Weather permitting, the Super Pak-Lite's LED beam can be seen from a mile away. Used by the U.S. Air Force and survivalist. The Pak-Lite Kit includes an alkaline battery, but for maximum weather-resistance and durability you can also purchase an optional Lithium battery for your Pak-Lite. Built "Off the Grid" in Oregon. Patented. Weight: 1.5 oz. Size: 1" W x 2.5" L x 0.5" D.

Item #PLS $22.95

Item #PAB ... Optional **Lithium** Battery **... $9.95**

NightStar 3 No Battery Shake Flashlight

Perfect for Car or Truck

Throw it in the trunk and forget about it. The updated NightStar 3 is brighter than the original model, and still gives you 20 minutes of light for just 30 seconds of shaking. Quiet, efficient, magnetic repulsion recharges the built-in battery. The NightStar 3 is shock resistant, waterproof, floats beam up, and has been tested to withstand temperatures from -50°F to 140°F. Five-year manufacturer's warranty. Weight: 10.8 oz. Size: 10" L x 2" Dia.

Item #NS3 ..... $26.95

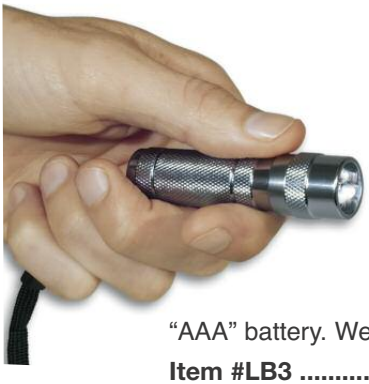
CC Lantern
Wind-Up LED Lantern

If you've got a room-illuminating CC Lantern, you won't have to panic when the lights go out. Pull the lantern out of its self-storing body, and choose between 9 or 15 bright white LEDs to light your way. This lightweight, collapsible lantern has a handy crank built into the top for emergency wind-up power. Just 60 seconds of winding gives you 10 minutes of usable light. Fully charge the lantern with the included 12 Volt DC vehicle adapter or with an optional AC Adapter for five to seven hours of light. You can even use the lantern to charge your cell phone. Great for camping, too, Weight: 1 lb. Size: 8.75" H x 5" Dia. Collapsed size: 6.1" H.

Item #DLL $49.95

Item #DLA ... AC Adapter **... $12.95**

RoHS Lead Free



LB-3 LED Flashlight

A good deal on a small 3-LED flashlight just got better. It's bright and small enough to tuck away in your pocket or shoulder bag. Solid aluminum body with lanyard. Runs for 20 hours on ONE "AAA" battery. Weight: 1.4 oz. Size: 3" L x 0.75" Dia.

Item #LB3 ..... $7.95

Item #LB34 ... 4 for $24.95

RoHS Lead Free

Photon X-Light Micro Keychain Light

Our tough, multi-mode Photon X-Light has an SOS mode and a miniature flashing safety beacon mode. A single glow-in-the-dark On/Off button lets you choose between full brightness, dimmed light or a flashing mode. Quick release ring attaches easily to your keys or gear. Long lasting lithium batteries (included). Made in USA. Limited lifetime manufacturer's guarantee. Weight: 0.4 oz. Size: 1" W x 1.75" H x 0.25" D.

Item #XLT $8.95

CUSTOMER SERVICE PROMISE

- We will provide a full refund, except shipping, if your item is returned to us within 30 days after your receipt. Please return in "as new" condition, with all accessories and paperwork, or a restocking fee may be charged.
- We will never sell a used item as new.
- We will never sell your name or information to anyone.

If you enjoy our catalog and our commitment to customer service, please request to be on our exclusive mail list.

Note: The only way to get on our mail list for future catalogs is for you to ask, or for us to make an error. If you are receiving more than one catalog or you have moved, please let us know. You can call us at 800-522-8863 or update your address online at *ccrane.com/address-update*

PRIVACY POLICY

We do not release any information about you without your permission. Our next catalog, #21, will mail in early May 2010. If you or a friend would like to receive a new catalog a few times a year, check the box on the order form, mail us a postcard, email or call us. Thank you for your support.

WARRANTIES

Our products all come with their full manufacturer's warranty; usually one year parts and labor, unless noted. If you have a problem with one of our products, you may want us to service the warranty. Please call for a **Return Authorization** number before returning an item for service. When we know what's coming back and what's wrong, we can process your return more efficiently. Please carefully pack and **insure** any item you send in for service to protect your investment.

OUR SATISFACTION GUARANTEE

If an item proves to be unsatisfactory within 30 days of receipt, you may return it to us for a full refund or credit toward other products. Please call for a **Return Authorization** number before returning an item. Returned products, original cartons and manuals must be in "as new" condition for a full refund. A reasonable deduction will be made for any damaged or missing items. Please keep the catalog. Sorry, no refunds on kits or custom cable and fittings. Be sure to carefully pack and **insure** your return.

BARGAINS ON RETURNED ITEMS

Because we offer our satisfaction guarantee, we sometimes have merchandise available at about 10% off our prices. The only flaw is usually wrinkled packing material. Each item is **carefully checked out and thoroughly cleaned. Full factory warranty is still in effect.** Our 30-day satisfaction policy still applies! To our knowledge we are one of the few electronics companies that does not sell returns as new.

Give us a call to find out what is available or check out our website for these "orphaned" items at *ccrane.com*. We invite you to sign up for our free weekly email notification of available returned items, new products, and special sale offers at *ccrane.com/subscribe*

Unless we have an unusual circumstance or error, our prices are good through May 1, 2010.

AUDIO TAPES FOR THE VISION IMPAIRED

We have a large number of blind or near-blind customers. Since you're reading this catalog, you're probably not blind, but you may know someone who is.

The C. Crane Audio Catalog — FREE.

Instruction tapes are $5.00 each or FREE with the purchase of the item, or can be downloaded FREE through "Product Support" on our website *ccrane.com*

Shortwave Radio Instruction Tapes: CCRadio-SW, Sangean 909, 803A, 818, 818CS, 808, 606, 505P, Grundig Sat 700, YB400, Drake SW8.

Scanner Instruction Tapes: Uniden 200XLT, 2500XLT, 855XLT, 890XLT, 9000XLT, BC780XLT, Realistic Pro 2006, Pro43, BC3000.

Other Instruction Tapes: CCRadio, CCRadio*plus*, CCRadio-2, VersaCorder, Twin Coil Ferrite® AM Antenna by C. Crane, CCRadio-SWPocket, CC Observer, CC Witness. > Check for additional tapes at *ccrane.com/audio-tapes*

REPAIR SERVICE

We can repair most of the equipment we sell, in or out of warranty. Expect 3-8 weeks for repairs. We are only able to repair merchandise purchased from us at this time. Our repair charges vary.

Call for a Return Authorization Number (RA#) before sending us a repair. Most repairs are $59.95. A check or credit card number **must** accompany the insured product for repair. Please include contact information, should we need to contact you regarding the repair. **Please remove all batteries and power cord before sending repairs.** Our repairs are warranted for one year. For repair service, call us at (800) 522-8863.

If you are delighted or disappointed with our service, or have comments or products to help us serve you better, please write to our president:

Robert C. Crane
C. Crane Company Inc.
1001 Main St
Fortuna, CA 95540

Battery Checker

Extend the life of your rechargeable batteries

Get reliable performance from your battery-powered radios, cameras, and portable gear. Use this digital battery checker for a quick and easy reading of all your batteries. To optimize the performance of your rechargeable batteries you should recharge them when they're down to about 1 volt. Measures all common battery sizes including 9 volt. Weight: 1.5 oz. Size: 1.5 " W x 3.3" H x 0.8" D.

Item #DBC $11.95

Nickel Metal Hydride Batteries

High-drain battery users now have a fantastic choice that has dropped dramatically in price. NiMH batteries have more power than even alkaline batteries, can be recharged or topped off anytime, and don't have the same "memory effect" as NiCads. All rechargeable batteries self discharge about 10% of their energy a month. Can be recharged about 500 times and last for years. Work great in high-drain situations like a digital camera or a transceiver. Colors may vary.

Item #NHA ... "AA" size (2500mAh) **..... $2.95 each**
Item #N3A .... "AAA" size (1000mAh) **... $2.95 each**
Item #NC ..... "C" size (5000mAh) **..... $9.95 each**
Item #ND ..... "D" size (10000mAh) **.... $14.95 each**

Bulk Alkaline Batteries

Our alkaline batteries have the same power as the big name batteries, but at a fraction of their price. Alkaline batteries store for two years and still keep 90% of their energy. As always, if you buy a box at a time, we give you a nice discount. Store in a cool, dry place.

Item #52A ... "AA" size (Qty of 48) **..... $24.00**
Item #53A ... "AAA" size (Qty of 48) **... $24.00**
Item #30C ... "C" size (Qty of 24) **..... $30.00**
Item #30D ... "D" size (Qty of 24) **..... $36.00**

Great Prices and Quality!

Rayovac PS3
Universal Battery Charger

A 'must have' for NiMH Batteries

Rechargeable batteries save you money. But not all battery chargers charge properly. For the best battery performance, you need a smart battery charger like the Rayovac PS3 Universal Battery Charger. Instead of just charging batteries for a certain length of time and then cutting off before the job is done, this model analyzes your batteries for the optimum charging time and rate. This unit recharges up to eight "AA" or "AAA" batteries; four "C" or "D" batteries or one 9-volt battery. With this Rayovac model, it is best to charge high capacity "D" size batteries only two at a time. Runs on included AC power cord. Weight: 7.25 oz. Size: 8.7" W x 2.5" H x 3.7" D.

Item #RBC $34.95

Solar Battery Charger

NiCad & NiMH Batteries

Use the sun to recharge your batteries. This solar charger recharges 2 batteries of the same type and size ("D", "C", "AA", "AAA"). It puts out about 150mAh and about 5 volts. All of the other solar battery chargers we tested were unsuitable because their voltage was too low. Weight: 11.8 oz. Size: 6.8" W x 4.5" H x 2.3" D.

Item #SBC $24.95

NOTE: Initially when new, it is best to charge and discharge all makes and models of NiMH batteries several times to obtain maximum performance.

Ten Watt Solar Panel

This beautiful, high-quality Solar Panel puts out 10 Watts and 17.3 Volts peak power. That's enough power for an enormous amount of applications, including charging batteries, powering electronic devices and more. Real glass covers, iridescent, deep blue silicone in a tough anodized aluminum frame. Cigarette lighter plug on the end of a 6-foot lead wire also included. Weight: 3.8 lbs. Size: 11.5" W x 17.5" H x 1.3" D.

Item #SOP $129.95

Product may vary from photo.

DC Stepdown Voltage Converter

Very well built with stable voltage up to 12 watts. Regulated power converter can be used with 1.5, 3, 4, 6, 7.5, 9, and 12-volt devices and comes with the six common tip sizes for use with anything from radios to cell phones. Also works with our solar panel or portable power pack. Visit *ccrane.com/psd* for list of tip sizes. Weight: 3.5 oz. Size: 2" W x 3" L x 0.8" D. *Product may vary from photo.*

Item #PSD $14.95

Single Outlet Surge Protector

We recommend using this surge protector with all of your electronic equipment to keep AC line noise down. To test for radio noise, keep your radio in the same spot, and run it on batteries. If there's less noise with batteries, then this filter will help. Rated to 900 Joules. Weight: 2.6 oz. Size: 2.25" W x 3.25" H x 2.25" D.

Item #AC $9.95

Dovo Nail Clippers

The Dovo finger and toenail clippers are clearly superior to a dozen other styles we tested over as many years. They trim cleanly because the blades are precision aligned and shaped. Made in Solingen, the German city famous for high quality cutlery and steel. Fingernail Size: 0.5" W x 2.5" L x 0.3" D. Toenail Size: 0.5" W x 3.3" L x 0.3" D.

Item #DNC ... Fingernail Clipper **..... $24.95**
Item #TNC .... Toenail Clipper **..... $29.95**
Item #KNC ... Buy Both and Save $5! ... $49.90

Male Grooming Kit with Free Case

Three exceptional chrome steel and stainless instruments from Dovo, a world leader in the art of steel, are featured in this exclusive kit from C. Crane. Unlike battery-powered models, our discreet hair trimmer is a precision tool that is solid, regal, and works well. Likewise, the fine fingernail and toenail clippers are hand-selected as the best in the world for their superior craftsmanship. Purchase individual pieces separately, or get the free case when you purchase this kit. Weight: 0.7 oz. Size: 1.9" W x 4" H x 0.75" D.

Item #MMS $99.95

Rubis Tweezers — *Best Made*

These exceptionally fine, high-precision tweezers are feather light. Originally designed to set ruby stones into fine watch movements, our perfect tweezers are precisely aligned to work wonders on thorns, eyebrows, and tiny electronics. Made in Switzerland of acid resistant, non-magnetic stainless steel. Weight: 0.5 oz. Size: 0.5" W x 3.8" L.

Item #RTW $34.95

Nose Hair Trimmer

We think the most precise Nose Hair Trimmers you can get are made in the United States. They never need sharpening, don't pull hairs, and trim nicely around the ears, too. No batteries required. Weight: 1.4 oz. Size: 2.3" L x 0.4" Dia.

Item #TRM $49.95

Product may vary slightly from photo.

Kill A Watt EZ

Shows Operating Costs of Your Appliances!

Save money by using a Kill A Watt EZ to find out which appliances drive up your electric bill the most. Program in your local utility rate and it will calculate and display energy costs by hour, day, month and year in dollars. For the most accurate projection, let it run for 24 hours first. Simply plug the Kill A Watt EZ into an outlet, and then plug in whatever you want to test. It also digitally displays Volts, Amps, Watts and frequency, and keeps track of total kilowatt hours used. For electrical theorists, it also measures VA and PF. Measures devices up to 125 volts and 1875 watts. Six-month warranty. Weight: 5.1 oz. Size: 2.7" W x 5.1" H x 1.4" D.

Item #KEZ $59.95

OptiSight Magnifying Visor

Sharp lens for hands-free magnification. A professional quality, magnifying headband that's simple, comfortable and well-designed. Cushioned band fits all head sizes and can be used while wearing glasses. Visor stays where you want it, and lifts easily out of the way. Includes 3 power, 4 power, and 5 power interchangeable lenses. Colors vary. Made in USA. Weight: 3 oz. Size: 6.5" W x 6.5" H x 9.5" D.

Item #OMV $29.95

White LED Magna-Lite Reader

The convenience of a classic reading magnifier combined with the soft light of our energy efficient, advanced-circuit LED cluster. Three diffused, white LEDs make the Magna-Lite Reader the ideal tool for hobbies or reading maps, books, and the newspaper. 4x power insert in main lens. Runs on 4 "AA" batteries (included). 3-LED bulb guaranteed for life. Rim protects the lens from being scratched. Made in USA. Weight: 7.5 oz. Size: Lens 3.8" Dia. Handle 1.5" W x 9" L.

Item #MLR $34.95

CCRANE PRODUCED

La Crosse Wireless Weather Forecast Station with Atomic Clock

The La Crosse Wireless Weather Station goes the distance — we tested it at more than 200 feet! The best way to see if a really bad storm is coming your way is to check the on-board barometric pressure gauge with trend line. The built-in atomic clock enables you to set the other clocks in your home to the precise time. It automatically updates itself for Daylight Savings Time. Displays time, date, day of week, maximum/minimum temperatures indoor and out, indoor humidity and a 12-hour barometric pressure history graph. Easy to set up — just mount the remote sensor in a shaded area outside and you're ready to read the weather. Hang the attractive base unit on a wall or place it on a counter or table using the removable stand. Base unit and sensor each require 2 "AA" batteries (not included). Weight: 10.7 oz. Size: 3.9" W x 9" H x 2.5" D.

Item #LWS $79.95

Krown Equalizer Amplified Telephone K-EQ40

A phone that has good audio is difficult to find. If you have any hearing loss, it can seem an impossible task. The audio quality of the Krown phone is excellent on both incoming and outgoing voice. It has all the common features found on any good phone, plus it has adjustable volume and pitch control for maximum voice recognition. It works when the power is out, too. Weight: 1.4 lbs. Size: 6.4" W x 3.9" H x 8.4" D.

Item #KAT $64.95

Murrow Atomic Wall Clock by Howard Miller

The cherry framed Murrow Wall Clock is not only a supremely accurate atomic time piece, it's also a display of fine design, woodworking, and finishing. Atomic clocks are perfect for hard to reach places: climb the stepstool once to hang it and that's it. Runs on one "AA" battery (not included). Size: 13.75" Dia.

Item #MRC $89.95

E. Howard & Co. Atomic Watch

Simple, Accurate, Atomic Timepiece

This E. Howard & Co. wristwatch has large numbers on a clean, uncluttered face. This perfectly accurate watch gets its signal from Boulder, Colorado every day and retains good accuracy even when you're traveling outside the country. This timepiece is water resistant to over 100 feet and has a high-polished, stainless steel bezel with a scratch-resistant crystal. It has a fine leather band and a digital date. E. Howard & Co. has been around for over 150 years. Lithium battery lasts for two years. Weight: 1.6 oz. Watch Face Size: 1.5" Dia. x 0.4" D.

Item #EHC $99.95

24 Hour Wall Clock

It's astronomical! Here's a classic 24 hour analog clock at an amazingly low price. These quality-built quartz clocks are used by governments, hospitals, aviation, radio stations, police departments, the military, shipping companies, shortwave listeners, and ham radio operators around the world. Just add one "AA" battery (not included) to make it tick. Weight: 1.4 lbs. Size: 12.2" Dia.

Item #24HC $19.95

Celestron Digital Microscope

This handheld, USB microscope can take pictures or capture short movies of whatever you put under its lens. It's a great device for collectors, scientists and anyone that's interested in the hidden marvels around us. The microscope has 10X, 40X and 150X magnifications and is ideal for examining coins, stamps, insects, plants, skin samples, you name it. You can even use the microscope to make a short movie of blood flowing through a goldfish fin.

A metal stand is included for holding the microscope at 2" or less. An easy and precise focus control lets you view your specimen clearly in just a few seconds. The microscope has six bright LEDs and is powered by a USB 2.0 cable that connects to your computer.

The software is easy to install and use, and includes a measuring function that is accurate to within 1/100th of a millimeter. PC requires Windows XP or Vista, Mac use calls for an image/photo capture software (like "iChat" with "Photo Booth").

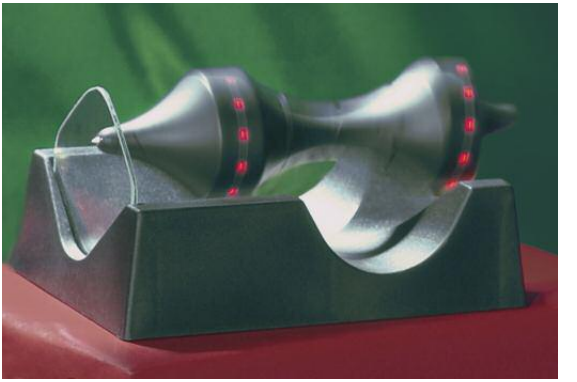
Features

- 10X to 40X and 150X Digital Power
- 1.3 mega pixel digital camera for pictures or video
- Photo management software

Weight: 4 oz. Size: 4.25" H x 1.25" Dia.

Item #CDM $69.95

Actual photos of old coin and feather taken with microscope.



Perpetual Motion Strobe

This remarkable, precision balanced strobe hovers magically in the air, creating an enthralling anti-gravity display. The strobe uses two red LEDs for an out-of-this-world effect. A soothing distraction for anyone who works at a desk — or as a conversation piece in the home. Touch-sensitive "On" switch with automatic shutoff for long battery life. Two S754E batteries included. Weight: 6.4 oz. Size: 5.5" W x 4" H x 3.1" D. Color may vary.

Item #PPS $16.95

Smithsonian Motor Works

A fun, safe way to learn how a 4-cylinder engine works. Inside the clear, plastic engine block, the sparkplugs light up, the cam and crankshaft turn, rocker arms rock and valves open and close. Includes detailed instructions and a screwdriver, and has over 100 moving parts. Runs on 2 "AA" batteries (not included). Weight: 1.3 lbs. Size: 10" W x 8" H x 5.3" D. Small parts hazard. Ages 8 and up.

Item #SMW $34.95

Note: Refunds on Unopened Kits Only

Sparklz

This oddly shaped little contraption is simply thrilling, especially at night, as it bumps, jitters, and flickers around a room! Wind it up and get set for a wiggly, wobbly, wild light show of sparks. *Safety note:* Keep away from flammable liquids and vapors. Weight: 3.3 oz. Size: 3" W x 3.5" H x 2.5" D. Ages 6 & up.

Item #SPK $14.95
or 2 or more for $12.95 each

Wooden Radio

The Wooden Radio offers quality AM and FM reception with surprisingly good sound. It's designed with clear java ebony, mahogany and pine from a sustainable forest in Indonesia. It has two wooden knobs on the front for on/off/volume and tuning, plus one on the back for AM and FM. The battery compartment is covered by a wood panel. Runs on 4 "AA" batteries (not included) or optional 3 Volt AC Adapter.1/8" audio-in jack.
> More information at *ccrane.com/MGNR* Weight: 2 lbs. Size: 7" W x 4.5" H x 4.4" D. Handle Size: 2" H.

Item #MGNR $199.95
Item #MGNRP ... 3V AC Adapter **... $14.95**

LEGO® Man Keychain

Whether it is to find a keyhole at night or to help your child/grandchild explore the darkness around them, the new LEGO® Key Light is a key chain light that will make a great gift for anyone! It comes with two bright LED lights mounted in the feet. The keychain head is interchangeable with other LEGO® DUPLO® figures. Two 3V CR2025 batteries included. Weight: 0.9 oz. Size: 1.5" W x 2.8" H. Keychain Size: 2" L. Ages 5 & up.

Item #LKL $8.95

Wooden Torch

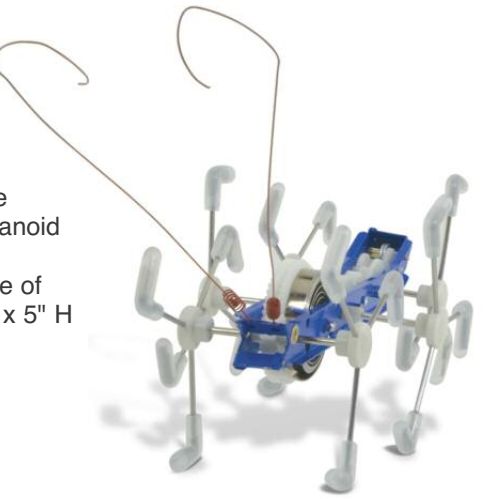
This handcrafted Wooden LED flashlight is made of solid beech wood over an aluminum core that holds 3 "AA" batteries (not included). The soft rubber, end-mounted push button allows for easy on/off and the bright LED bulb provides 60 lumens of outstanding light. The Wooden Torch is a natural companion to the Wooden Radio. Protective cloth bag included. Weight: 9.6 oz. Size: 8.25" L x 2" Dia.

Item #WDNL $49.95

Skidum

The Skidum is the newest addition to our mechanical menagerie. Wind the medium size foot and let it go. It spins around, sort of like Curly from the Three Stooges, and then it kind of reverses direction ... maybe. Great entertainment for kids and fidgety fingers. Weight: 2.2 oz. Size: 3.75" L x 3" H x 3.25" W. Ages 5 & up.

Item #SKDM ..... $14.95 or 2 or more for $12.95 each



MxyKikker

Quite amusing. It gives a strong impression that it is alive but we are not quite sure what it is. It has humanoid and anthropoid characteristics. It is wound not by key but by turning one of its legs. Weight: 2.5 oz. Size: 10" L x 5" H x 2.9" W. Ages 5 & up.

Item #MXK $16.95
or 2 or more for $14.95 each

Awika Wind-Up Toy

Powered by an eye-catching gearbox, Awika is a mechanical bug that climbs over small objects that clutter your desk, and scurries away shooting sparks. It has twelve quick feet, glow-in-the-dark gears, and a firefly-inspired sparkling backside. Weight: 1.8 oz. Size: 3.5" W x 3" H x 3.3" D. Ages 6 & up.

Item #AWT ..... $14.95 or 2 or more for $12.95 each

Celestron Travel Scope 70

The Celestron Travel Scope 70 was designed for bird watching and sky viewing. It is a 70mm Refractor Telescope that yields brighter and sharper images than some 60mm telescopes. It comes with both 10mm and 20mm eye pieces and also has a 5 x 24 Finderscope for spotting distant objects more easily. The coated glass elements provide clear, crisp images that are right-side up, and the Altazimuth mount can make it easier to find that elusive comet.

The Celestron is easy to travel with and to set up, and its full-size tripod with camera mount keep it nice and stable. Backpack included. Weight 3.3 lbs, tripod extends to 42". Two year warranty.

Item #TLS $89.95

Monocular Spotting Scope

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